

IN THIS ISSUE:
ANNUAL INDEX TO NUMBERED SERIALS

Monthly Index *of* Russian Accessions



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INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of four parts. Part A lists monographic literature, but no accessions published earlier than 1956 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1956. Tables of contents in English translation are provided for most periodicals listed.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

Beginning Volume 21 No. 1 (April 1968) the subject headings previously used in Part C are replaced by classes based on the Universal Decimal Classification. A guide to the classes used and an alphabetical index to the names of these classes precedes Part C.

Part D lists monographic works recently cataloged by the Library of Congress in English or in the major Western European languages (French, German, Italian, Spanish) on Russia or the Soviet Union, or by Russian or Soviet authors. Each listed monograph is followed by the Library of Congress call number and by the printed L. C. card number.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Parts C and D, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

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* Volumes 1-10 (No. 9), 1948-1957, issued under title *Monthly List of Russian Accessions*.

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—REFERENCE DEPARTMENT

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NARODNAIA ASVETA [PUBLIC EDUCATION]. Organ of Ministerstvo osvity BSSR [Ministry of Education of the White Russian S. S. R.]. Minsk, no. 9, Sep. 1968.

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION]. Issued by Ministerstvo prosvoshcheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 8, May 1968.

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RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrainy RSRS [Ministry of Education of the Ukrainian S. S. R.]. Kiev, vol. 46, no. 9, Sep. 1968.

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SHKOLA I PROIZVODSTVO [SCHOOL AND INDUSTRY]. Issued by Ministerstvo prosveshcheniya RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 10, no. 11, Nov. 1968.

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a LANGUAGE

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- DNI PRO [DNEPER]** Organ of TSentral'nyi komitet Leninskogo kommunisticheskogo soluzu molodezhi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 47, no. 10, Oct. 1968.
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- INOSTRANNYE IAZYKI V SHKOLAH [FOREIGN LANGUAGES IN SCHOOLS]** Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 4, 1968
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- Savel'ov, Ivan - The heart line; verso, p. 3
- Oislander, Aleksandr - Arctic regions, my youth; verso, p. 5
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- ONCHYKO [FORWARD]** Organ of the Association of Writers of the Mari A. S. S. R. Ioshkar-Ola, no. 5(89), Sep-Oct. 1968.

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12. GEOGRAPHY & GEOLOGY

a ETHNOLOGY

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- ZA BEZOPASNOST' DVIZHENIYA [FOR TRAFFIC SAFETY].** Issued by Otdel RUD-GAI Upravleniia okhany obshchestvennogo poindia Ispolkomu Mosgor soveta [Traffic Department and the State Automobile Inspection Agency of the Administration for the Protection of Public Order of the Executive Committee of the Moscow City Soviet]. Moscow, vol. 11, no. 10(125), Oct. 1968.
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- Issued by Gosudarstvennyi komitet Sovetskikh Ministrov SSSR po nauche i tekhnike [State Committee of the Council of Ministers of the U. S. S. R. for Science and Technology] and others. Moscow, vol. 15, no. 8, 1968
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List of Periodicals Indexed and Abbreviations Used

Akust. zhur. (13f)	Akusticheskiy zhurnal [Journal of Acoustics]	Gaz. prom. (16c)	Gazovaya promyshlennost' [Gas Industry]
Arkhitekt. SSSR (10b)	Arkhitektura SSSR [Architecture of the U.S.S.R.]	Geliotekhnika (16a)	Geliotekhnika [Solar Energy Engineering]
Atom. energ. (13f)	Atomnaya energiya [Atomic Energy]	Genetika (13c)	Genetika [Genetics]
Avi. dor. (16d)	Avtomobil'nye dorogi [Highways]	Geol. i geofiz. (12c)	Geologiya i geofizika [Geology and Geophysics]
Avi. transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]	Gidromel. (15a)	Gidrotekhnika i melioratsiya [Hydraulic Engineering and Reclamation]
Avtom. svar. (10f)	Akademii nauk URSR, Kiev, Institut elektrozvarivaniya, Avtomaticheskaya svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding, Automatic Welding]	Gor. khoz. Mosk. (10d)	Gorodskoye khozaystvo Moskvy [Municipal Economy of Moscow]
Az i Afr. seg. (1b)	Azija i Afrika segodnya [Asia and Africa today]	Iad fiz. (13f)	Iadernaya fizika. Journal of Nuclear Physics
Azerb. khim. zhur. (13d)	Azerbaidzhanский химический журнал [Azerbaijan Chemical Journal]	Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1 (2a)	Moscow, Publichnaya biblioteka, Informatsionnyy biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriya 1 Fiziko-matematicheskie i khimicheskie nauki; nauki o zemle; tekhnika i tekhnicheskie nauki [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1 Physical, Mathematical, and Chemical Sciences, Earth Sciences, Technology and Technological Sciences]
Azerb. nef. khoz. (10h)	Azerbaidzhanское нефтяное хозяйство [Azerbaijan Petroleum Industry]	Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3 (2a)	Moscow, Publichnaya biblioteka, Informatsionnyy biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriya 3 Obshchestvennyye nauki, khudozhestvennaya literatura, iskusstvo [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]
Bezop. truda v prom. (16a)	Bezopasnost' truda v promyshlennosti [Industrial Safety]	Inform. biul. VDNKH (10a)	Moscow, Vystavka dostizheniy narodnogo khozaystva SSSR, Informatsionnyy biulleten' [Exhibition of Achievements of the National Economy of the U.S.S.R. Information Bulletin]
Bibliot. -bibl. inform. (2a)	Akademii nauk SSSR, Sektor spetsial'nykh bibliotek, Biblioteko-bibliograficheskaya informatsiya [Academy of Sciences of the U.S.S.R. Sector of Special Libraries, Library and Bibliographical Information]	Inform. o bibliot. delo i bibl. za rub. (2b)	Informatsiya o bibliotekakh dele i bibliografii za rubezhem; sbornik materialov [Information about Library Work and Bibliography Abroad; Materials]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]	Inform. ukaz. bibl. spis. i kart. (2a)	Informatsionnyy ukazatel' bibliograficheskikh spisokov i kartotek, sostavlyennykh bibliotekami Sovetskogo Soюза [Information Index of Bibliographical Lists and Card Files. Compiled by the Libraries of the Soviet Union]
Bibliotekoved. i bibl. (2b)	Bibliotekovedeniye i bibliografiya; ukazatel' literatury [Library Science and Bibliography; an Index to the Literature]	Inform. ukaz. stand. (16a)	Informatsionnyy ukazatel' standartov [Information Index of Standards]
Biul. Ispol. kom. Mosk. gor. sov. (8)	Moscow Ispolnitel'nyi komitet Biulleten' [Executive Committee Bulletin]	Inzh. -fiz. zhur. (10a)	Inzhenerno-fizicheskiy zhurnal [Journal of Engineering Physics]
Bot. zhur. (13c)	Botanicheskiy zhurnal [Botanical Journal]	Ist. zap. (4a)	Istoricheskiye zapiski [Historical Records]
Bukhg. uch. (5a)	Bukhgalterskiy uch. [Accounting]	Izm. tekhn. (16a)	Izmeritel'naya tekhnika [Measurement Techniques]
Bum. prom. (10f)	Bumazhная promyshlennost' [Paper Industry]	Izobraz. i prom. obraz. i tov. znak. (16a)	Izobreteniya, promyshlennyye obraztzy, tovarnyye znaki [Inventions, Industrial Samples, Trademarks]
Dokl. Akad. sei'-khov. nauk (15a)	Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. I. V. Lenina, Doklady [Lenin All-Union Academy of Agricultural Sciences, Reports]	Izv. AN Arm. SSR, Fiz. (13f)	Akademii nauk Armanakoi SSR, Erivan, Izvestiya, Fizika [Academy of Sciences of the Armenian S.S.R. Bulletin, Physics]
Dokl. AN SSSR (13a)	Akademii nauk SSSR, Doklady [Academy of Sciences of the U.S.S.R. Reports]	Izv. AN Arm. SSR, Mekh. (13f)	Akademii nauk Armanakoi SSR, Erivan, Izvestiya, Mekhanika [Academy of Sciences of the Armenian S.S.R. Bulletin, Mechanics]
Dokl. po etn. Otd. etn. Geog. ob-va SSSR (12a)	Geograficheskoye obshchestvo SSSR, Otdeleniye etnografii, Doklady [Geographical Society of the U.S.S.R. Department of Ethnography, Reports]	Izv. AN Azerb. SSR Ser. Ist., filoz. i prava (1a)	Akademii nauk Azerbaidzhanakoi SSR, Baku, Izvestiya, Seriya istorii, filosofii i prava [Academy of Sciences of the Azerbaijan S.S.R. Bulletin, Series in History, Philosophy, and Law]
Dop. AN URSR, Ser. A (13a)	Akademii nauk URSR, Kiev, Dopovidy. Seriya A: Fiziko-tekhnichni ta matematichni nauki [Academy of Sciences of the Ukrainian S.S.R. Reports, Series A: Physical, Technological, and Mathematical Sciences]	Izv. AN Kazakh. SSR, Ser. obshchestv. nauk (1a)	Akademii nauk Kazakhakoi SSR, Alma-Ata, Izvestiya, Seriya obshchestvennykh nauk [Academy of Sciences of the Kazakh S.S.R. Bulletin, Series in the Social Sciences]
Ekon. i mat. metod. (5b)	Ekonomika i matematicheskiye metody [Economics and Mathematical Methods]	Izv. AN Kirg. SSR (1a)	Akademii nauk Kirgizakoi SSR, Frunze, Izvestiya [Academy of Sciences of the Kirghiz S.S.R. Bulletin]
Ekon. sel'khoz. (5b)	Ekonomika sel'skogo khozaystva [Economics of Agriculture]	Izv. AN SSSR. Fiz. zom. (13f)	Akademii nauk SSSR, Izvestiya, Fizika zemli [Academy of Sciences of the U.S.S.R. Bulletin, Physics of the Earth]
Elektrokhimiya (13d)	Elektrokhimiya [Electrochemistry]	Izv. AN Uz. SSR, Ser. tekhn. nauk (10a)	Akademii nauk Uzbekakoi SSR, Tashkent, Izvestiya, Seriya tekhnicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin, Series in the Technical Sciences]
Energ. stroi. (10e)	Energeticheskoye stroitel'stvo [Power Construction]	Izv. SO AN SSSR, Ser. khim. nauk (13d)	Akademii nauk SSSR, Sibirskoye otdeleniye, Izvestiya, Seriya khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Siberian Department, Bulletin, Series in the Chemical Sciences]
Energetik (16e)	Energetik [Electric Power Technician]	Izv. Vses. geog. ob-va (12b)	Geograficheskoye obshchestvo SSSR, Izvestiya [Geographic Society of the U.S.S.R. Bulletin]
Fiz. khim. mekh. mat. (16g)	Fiziko-khimicheskaya mekhanika materialov [Physicochemical Mechanics of Materials]		
Fiz. i khim. obr. mat. (10c)	Fizika i khimiya obrabotki materialov [Physics and Chemistry of Materials Processing]		
Fiz. met. i metallaved. (10h)	Fizika metallov i metallovedeniye [The Physics of Metals and Metallurgy]		
Fiz. -tekhn. probl. razrab. pol. iskop. (10h)	Fiziko-tekhnicheskiye problemy razrabotki poleznykh iskopnykh [Physical and Technological Problems of the Mining of Minerals]		
Fiz. tver. tela (13f)	Fizika tverdogo tela [Solid State Physics]		
Fiziol. zhur. [Ukr.] (13c)	Fiziologicheskyy zhurnal [Physiological Journal]		
Gaz. delo (16h)	Gazovoye delo [Gas Industry]		

Izv. vys. ucheb. zav.; chern. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, chernala metal-lurgii [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]	Mashinovedenie (16g)	Mashinovedeniye [Mechanical Engineering]
Izv. vys. ucheb. zav.; energ. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Power Engineering]	Mast. -zhir. prom. (16c)	Maslo-zhirovaia promyshlennost' [Oil and Fats Industry]
Izv. vys. ucheb. zav.; fiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Physics]	Mat. k izuch. zhen'. i drug. lek. rast. Dal'. Vost. (14f)	Materialy k izuchenniu zhen'shenia i drugikh lekarstvennykh rastenii Dal'nego Vostoka [Materials for the Study of Ginseng and other Medicinal Plants of the Far East]
Izv. vys. ucheb. zav.; geod. i aerof. (13b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geodesiia i aerofotoo'mnka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geodesy and Aerial Photography]	Med. rad. (14a)	Meditssinskaiia radiologiia [Medical Radiology]
Izv. vys. ucheb. zav.; khim. i khim. tekhn. (13d)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, khimii i khimicheskaiia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]	Med. ref. zhur. (14a)	Meditssinskii referativnyi zhurnal [Medical Abstracts]
Izv. vys. ucheb. zav.; mashino-str. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machinery Manufacture]	Mekh. i avtom. proizv. (16g)	Mekhanizatsiia i avtomatizatsiia proizvodstva [Mechanization and Automation of Production]
Izv. vys. ucheb. zav.; prav. (7)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, pravovedenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Jurisprudence]	Met. i gornorud. prom. (16h)	Metallurgicheskaiia i gornorudnaya promyshlennost' [Metallurgical, Mining, and Ore Dressing Industries]
Izv. vys. ucheb. zav.; prib. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, priborostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Instrument Manufacture]	Metalloved. i term. obr. met. (16h)	Metallovedeniye i termicheskaiia obrabotka metallov [Metals and Heat Treatment of Metals]
Izv. vys. ucheb. zav.; stroi i arkh. (10b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Engineering]	Metod. anal. khim. reak. i prepar. (13d)	Metody analiza khimicheskikh reaktivov i preparatov [Methods for the Analysis of Chemical Reagents and Preparations]
Khim. i nef. mashinost. (16c)	Khimicheskoe i nefliannoe mashinostroenie [Chemical and Petroleum Machinery Manufacture]	Metod. poluch. khim. reak. i prepar. (13d)	Metody polucheniia khimicheskikh reaktivov i preparatov [Methods of Obtaining Chemical Reagents and Preparations]
Khim. prom. (16c)	Khimicheskaiia promyshlennost' [Chemical Industries]	Mezhdunar. zhizn' (6)	Mezhdunarodnaya zhizn' [International Life]
Khim. prom. Ukr. (16c)	Khimicheskaiia promyshlennost' Ukrainy [Chemical Industries of the Ukraine]	Mikrobiol. zhur. (13c)	Miki obologichnyi zhurnal [Journal of Microbiology]
Khim. i ver. topl. (13d)	Khimiiia v sel'skom khoziaistve [Chemistry in Agriculture]	Mol. komm. (6)	Molodoi kommunist [The Young Communist]
Khim. v sel'. khoz. (15a)	Khimiiia v sel'skom khoziaistve [Chemistry in Agriculture]	Mont. i spets. rab. v stroi. (16d)	Montazhnye i spetsial'nye raboty v stroitel'stve [Assembly and Specialized Operations in Construction]
Khleb. i kond. prom. (16f)	Khlebopekarniia i konditerskaiia promyshlennost' [Baking and Confectionary Industry]	Mor. flot. (17b)	Morskoi flot [The Merchant Marine]
Khol. tekhn. (16c)	Kholodil'naiia tekhnika [Refrigeration Engineering]	Mor. sbor. (17b)	Morskoi sbornik, zhurnal Voenno-Morskogo flota Soiuzna SSR [Naval Review; Magazine of the Soviet Navy]
Klin. khir. (14h)	Klinicheskaiia khirurgiia [Clinical Surgery]	Muk. -elev. prom. (16f)	Mukomol'no elevatornaya promyshlennost' [Flour Milling and Grain Storage]
Knizh. let. (2a)	Knizhnaiia tetopis' [Book Chronicle]	Mystetstvo (10a)	Mystetstvo [Art]
Koka i khim. (16c)	Koka i khimiiia [Coke and Chemistry]	NTO (18a)	Vsesoiuznyi soviet nauchno-tekhnicheskikh obshchestv. Nauchno-tekhnicheskie obshchestva SSSR [All-Union Council of Scientific Technological Societies. Scientific Technological Societies of the U.S.S.R.]
Komm. Bel. (6)	Kommunist Belorussii [Communist of White Russia]	Na. stroi. Ros. (16d)	Na stroikakh Rossii [At Russian Construction Projects]
Komm. Vooruzh. Sil (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]	Nar. Az. i Afr. (4a)	Narody Azii i Afriki; istoriia, ekonomika, kul'tura [Peoples of Asia and Africa, History, Economics, Culture]
Kommunist (6)	Kommunist [Communist]	Na. obr. (8a)	Narodnoe obrazovanie [Public Education]
ons. i ov. prom. (16c)	Konservatsiia i ovoshchesushil'naiia promyshlennost' [The Canning and Dehydrated Vegetable Industry]	Nar. tvorch. ta etn. (12a)	Narodnaia tvorchest' ta etnografiia [Folk Art and Ethnography]
Kosm. issl. (13b)	Kosmicheskoe issledovanie [Space Research]	Nauch. dokl. vys. shkoly; biol. nauki (13c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei vysshei shkoly, biologicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Biological Sciences]
Kraeved. zap. (4a)	Yaioslavi, Oblastnoi kraevedcheskii muzei, Kraevedcheskie zapiski [Regional Local Museum. Local Lore Notes]	Nauch. dokl. vys. shkoly, ekon. nauki (5b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly, ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Economics]
Kryl. rod. (16h)	Kryl'ia rodiny [Wings of the Motherland]	Nauch. dokl. vys. shkoly; filol. nauki (11a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly, filologicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Philological Sciences]
Les. khoz. (15c)	Lesnoe khoziaistvo [Forestry]	Nauch. -issl. trudy IvNITI (16f)	Ivanovo. Nauchno-issledovatel'skii institut khlopchatobumazhnoi promyshlennosti. Nauchno-issledovatel'skie trudy [Scientific Research Institute of the Cotton Industry. Scientific Research Papers]
Let. druku BSSR (2a)	Letapis druku BSSR. Letopis' pechat' BSSR [Chronicle of the Publications of the White Russian S.S.R.]	Nauch. -issl. trudy VNIIMP (16f)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mekhnicheskoi promyshlennosti. Nauchno-issledovatel'skie trudy [All-Union Scientific Research Institute of the Fur Industry. Scientific Research Papers]
Lis. pap. i der. prom. (16f)	Lisova, papirova i derevobrubnaia promyshlennost' [Forest, Paper, and Woodworking Industry]	Nauk. pratsi z ist. KPRS (4a)	Naukovi pratsi z istorii KPRS [Studies on the History of the CPSU]
Lit. proizv. (16h)	Litainoe proizvodstvo [Foundry Practice]	Neftianik (16h)	Neftianik [The Petroleum Worker]
Lit. rets. (2a)	Litopys retsenzii [Chronicle of Reviews]	Nov. i noveish. ist. (4a)	Novaya i noveishaya istoriia [Modern and Recent History]
Lit. zhur. et. (2a)	Litopys zhurnal'nykh statei [Chronicle of Periodical Articles]	Nov. inostr. ekon. lit. (5b)	Novaya inostrannaiia ekonomicheskaiia literatura [New Foreign Economic Literature]
Mash. i nef. obor. (16h)	Mashiny i nefliannoe oborudovanie [Machinery and Petroleum Equipment]	Nov. inostr. kni-gi; kat. nov. postup. (2b)	Akademiiia nauk SSSR. Biblioteka. Novye inostrannye knigi, katalog novykh postuplenii [Academy of Sciences of the U.S.S.R. Library. New Foreign Books; Catalog of New Accessions]
		Nov. knigi SSSR (2a)	Novye knigi SSSR [New Books of the U.S.S.R.]
		Nov. knigi za rub. Ser. A (13a)	Novye knigi za rubezhom. Seria A: Matematika, mekhanika, astronomiia, geofizika, fizika, khimiiia, geologiiia, fizi-cheskaiia geografiia [New Foreign books; Series A: Mathe-matics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography]

Nov. knigi za rub. Ser B (16a)	Novye knigi za rubezhom. Seriya B: Tekhnika [New Foreign Books. Series B: Technology]	Ref. zhur.: Geod. (13b)	Referativnyi zhurnal: Geodeziia (Otdel'nyi vypusk 52) [Journal of Abstracts: Geodesy (Separate Issue 52)]
Nov. knigi za rub. po obshchestv. naukam (2a)	Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiya, istoriya, mezhdunarodnye otnosheniya [New Foreign Books on the Social Sciences; Economics, Philosophy, History, International Relations]	Ref. zhur.: Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]
Nov. lit. po Rum. (2a)	Novaya literatura po Rumynii [New Literature on Rumania]	Ref. zhur.: Geog. (12b)	Referativnyi zhurnal: Geografiia [Journal of Abstracts: Geography]
Nov. sov. lit. o nauke i nauch. issled. rab v SSSR (2a)	Novaya sovetskaya literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]	Ref. zhur.: Geol. (12c)	Referativnyi zhurnal: Geologiya [Journal of Abstracts: Geology]
Nov. sov. lit. po laz. (11a)	Novaya sovetskaya literatura po lazykoznaniiu [New Soviet Literature on Linguistics]	Ref. zhur.: Gor. delo (16h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts: Mining]
Nov. tov. (5a)	Novye tovary, informatsionnyiulleten' [New Consumer Goods; Information Bulletin]	Ref. zhur.: Gor. mash. (16h)	Referativnyi zhurnal: Gornye mashiny (Otdel'nyi vypusk 43) [Journal of Abstracts: Mining Machinery (Separate Issue 43)]
Nov. vrem. (8)	Novoe vremia [New Times]	Ref. zhur.: IAd. reak. (16e)	Referativnyi zhurnal: IAdornye reaktory (Otdel'nyi vypusk 50) [Journal of Abstracts: Nuclear Reactors (Separate Issue 50)]
Obshchestv. zdan (10b)	Akademii stroitel'stva i arkhitektury SSSR. Institut obshchestvennykh zdanii. Obshchestvennye zdanii, sbornik nauchnykh soobshchenii [Academy of Construction and Architecture of the U.S.S.R. Institute of Public Buildings. Public Buildings, Scientific Reports]	Ref. zhur.: Kib. (13a)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Oktabr' (11b)	Oktabr' [October]	Ref. zhur.: Komm. un., byl. i torg. obr. (16g)	Referativnyi zhurnal: Kommunal'noe, bytovoe i torgovoe oborudovanie (Otdel'nyi vypusk 33) [Journal of Abstracts: Communal, Household, and Commercial Equipment (Separate Issue 33)]
Osn., fund. i mekh. grun. (16d)	Osnovaniia, fundamenti i mekhanika gruntov [Foundations and Soil Mechanics]	Ref. zhur.: Kotlostr. (16g)	Referativnyi zhurnal: Kotlostroenie (Otdel'nyi vypusk 42) [Journal of Abstracts: Boiler Manufacture (Separate Issue 42)]
Palest. sbor. (4a)	Palestinaki sbornik [Palestine Review]	Ref. zhur.: Leg. prom. (16f)	Referativnyi zhurnal: Legkai promyshlennost' [Journal of Abstracts: Light Industry]
Parazitologiya (13c)	Parazitologiya [Parasitology]	Ref. zhur.: Lesoved. i lesovod. (15c)	Referativnyi zhurnal: Lesovedeni i lesovodstvo (Otdel'nyi vypusk 56) [Journal of Abstracts: Forestry and Forest Management (Separate Issue 56)]
Part. zhizn' (6)	Partiinai zhizn' [Party Life]	Ref. zhur.: Mashinostroi. mat., konstr. i rasch. del. mash. Gidr. (16g)	Referativnyi zhurnal: Mashinostroitel'nye materialy, konstrukt i raschet detalei mashin. Gidropriivod (Otdel'nyi vypusk 48) [Journal of Abstracts: Materials for Machinery Manufacture and the Design of Machine Parts, Hydraulic Drive (Separate Issue 48)]
Pis'm. v red. Zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki. Pis'ma v redaktsiiu [Journal of Experimental and Theoretical Physics. Letters to the Editors]	Ref. zhur.: Med. geog. (14a)	Referativnyi zhurnal: Meditsinskaii geografiia (Otdel'nyi vypusk 36) [Journal of Abstracts: Medical Geography (Separate Issue 36)]
Pochvovedenie (15a)	Pochvovedeni [Soil Science]	Ref. zhur.: Nauch. i tekhn. inform. (16a)	Referativnyi zhurnal: Nauchnai i tekhnicheskai informatsiia (Otdel'nyi vypusk 59) [Journal of Abstracts: Scientific and Technical Information (Separate Issue 59)]
Prib. i sist. upr. (16e)	Pribory i sistemy upravleniia [Instruments and Systems of Control]	Ref. zhur.: Prom. transp. (16g)	Referativnyi zhurnal: Promyshlennii transport [Journal of Abstracts: Industrial Transportation]
Pril. biokhim. i mikrobiol. (13c)	Priladnaia biokhimiia i mikrobiologiia [Applied Biochemistry and Microbiology]	Ref. zhur.: Stroi. i dor. mash. (16g)	Referativnyi zhurnal: Stroitel'nye i dorozhnye mashiny (Otdel'nyi vypusk 60) [Journal of Abstracts: Construction Equipment and Road Machinery (Separate Issue 60)]
Priroda (13a)	Priroda [Nature]	Ref. zhur.: Tekh. mashinostroi. (16g)	Referativnyi zhurnal: Tekhnologiia mashinostroeniia [Journal of Abstracts: Technology of Machinery Manufacture]
Probl. endok. (14a)	Problemy endokrinologii [Problems of Endocrinology]	Ref. zhur.: Teploenerg. (16g)	Referativnyi zhurnal: Teploenergetika [Journal of Abstracts: Heat Engineering]
Probl. fiziol. akust. (13c)	Problemy fiziologicheskoi akustiki [Problems of Physiological Acoustics]	Ref. zhur.: Trakt. i sel'khoz. mash. i orud. (16g)	Referativnyi zhurnal: Traktory i sel'skokhoziaistvennye mashiny i orudiia (Otdel'nyi vypusk 44) [Journal of Abstracts: Tractors and Agricultural Machinery and Equipment (Special Issue 44)]
Probl. pored. inform. (13a)	Problemy poredachi informatsii [Problems of the Transmission of Information]	Ref. zhur.: Trub. transp. (16g)	Referativnyi zhurnal: Truboprovodnyi transport (Otdel'nyi vypusk 45) [Journal of Abstracts: Pipeline Transportation (Separate Issue 45)]
Prof. -tekh. obr. (16a)	Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]	Ref. zhur.: Turbostr. (16g)	Referativnyi zhurnal: Turbstroeni (Otdel'nyi vypusk 49) [Journal of Abstracts: Turbine Manufacture (Separate Issue 49)]
Prom. Bel. (16a)	Promyshlennost' Belorussii [Industry of White Russia]	Ref. zhur.: Vozd. transp. (17b)	Referativnyi zhurnal: Vozdnyi transport [Journal of Abstracts: Water Transportation]
Prom. energ. (16a)	Promyshlennai energetika [Industrial Power]	Ref. zhur.: Vop. tekhn. prog. i org. proizv. v mashinostroi. (16g)	Referativnyi zhurnal: Voprosy tekhnicheskogo progressa i organizatsii pr. izvodstva v mashinostroi. (Otdel'nyi vypusk 35) [Journal of Abstracts: Problems of Technological Progress and the Organization of Production in the Machinery Industry (Separate Issue 35)]
Prom. stroi. i inzh. soor. (16d)	Promyshlennoe stroitel'stvo i inzhenernye sooruzheniia [Industrial Construction and Engineering Structures]	Ref. zhur.: Vozd. transp. (16b)	Referativnyi zhurnal: Vozdushnyi transport [Journal of Abstracts: Air Transportation]
Rad. pravo (7)	Radiane'ko pravo [Soviet Law]	Ref. zhur.: Vzaimodeis. raz. vid. transp. i kont. perev. (16g)	Referativnyi zhurnal: Vzaimodeistvie raznykh vidov transporta i konteinernye perevozki (Otdel'nyi vypusk 31) [Journal of Abstracts: Container Shipments and the Interaction of Various Types of Transportation (Separate Issue 31)]
Rad. shk. (8a)	Radiane'ka shkola [Soviet School]	Roz. nabl. sov. isk. spul. Zom. (13b)	Akademii nauk SSSR. Astronomic nabludeniia i issledovaniia spul of Sciences of the U.S.S.R. Results of Observations Satellites
Radiotekh. i elektron. (16a)	Radiotekhnika i elektronika [Radio Engineering and Electronics]	Sbor. trud. asp. i mol. nauch. soiz. VIR (16d)	Leningrad. Vsesoiuznyi nauch. aspirantov i in Union Institute of Sci Students and Young
Razved. i okhr. nedr. (16h)	Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]	Sbor. trud. Kaz. gos. med. inst. (14a)	Kazan. Gosudarstven. Sbornik trudov [Sta
Ref. sbor. i Ekon. prom. (5b)	Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]		
Ref. zhur.: Astron. (13b)	Referativnyi zhurnal: Astronomiia (Otdel'nyi vypusk 51) [Journal of Abstracts: Astronomy (Separate Issue 51)]		
Ref. zhur.: Av. i raket. dvig. (16b)	Referativnyi zhurnal: Aviatsonnye i raketnye dvigateli (Otdel'nyi vypusk 34) [Journal of Abstracts: Aircraft and Rocket Engines (Separate Issue 34)]		
Ref. zhur.: Avt. i gor. transp. (16g)	Referativnyi zhurnal: Avtomobil'nyi i gorodskoi transport [Journal of Abstracts: Automotive and City Transportation]		
Ref. zhur.: Biol. khim. (13c)	Referativnyi zhurnal: Biologicheskai khimiia (Otdel'nyi vypusk 30f) [Journal of Abstracts: Biochemistry (Separate Issue 30f)]		
Ref. zhur.: Dvig. vnutr. sgor. (16g)	Referativnyi zhurnal: Dvigateli vnutrennego sgoraniia (Otdel'nyi vypusk 39) [Journal of Abstracts: Internal-Combustion Engines (Separate Issue 39)]		
Ref. zhur.: Elektrotekh. i energ. (16e)	Referativnyi zhurnal: Elektrotekhnika i energetika [Journal of Abstracts: Electrical Engineering and Electric Power]		
Ref. zhur.: Farm. khimioterap. sred. Toks. (14f)	Referativnyi zhurnal: Farmakologiia, khimioterapevticheskie sredstva, Toksikologiia (Otdel'nyi vypusk 54) [Journal of Abstracts: Pharmacology, Chemotherapeutics, Toxicology (Separate Issue 54)]		
Ref. zhur. Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]		

Sb r trud VNIINSM (16d)	Vsesoyuznyi nauchno-issledovatel'skii institut rotykh stritel'nykh materialov. Sbortik trudov [All Union Scientific Research Institute of New Building Materials Papers]	Trudy metrolog. inst. SSSR (16a)	Trudy metrologicheskikh institutov SSSR, [Transactions of the Metrological Institutes of the U.S.S.R.]
Sem'ia i shkola (8a)	Sem'ia i shkola [Family and School]	Trudy NIIZHT (16d)	Novosibirsk. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions]
Ser. "Avtom. i vych. tekhn." (16e)	Seriia "Avtomatika i vychislitel'naya tekhnika" [Series "Automatic Control and Computer Technology"]	Trudy SNIIGIMS (12c)	Sibirskii nauchno-issledovatel'skii institut geologii, geo- fiziki i mineral'nogo syr'ia. Trudy [Siberian Scientific Research Institute of Geology, Geophysics, and Mineral Resources. Transactions]
Shakht stroit. (16h)	Shakhtnoe stroitel'stvo [Mine Construction]	Trudy TSNII MPS (16g)	Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Sci- entific Research Institute of Railroad Transportation Transactions]
Shkola i proizv. (8a)	Shkola i proizvodstvo [School and Industry]	Trudy Ural. elektromekh. inst. inzh. zhel dor. transp (16e)	Sverdlovsk. Ural'skii elektromekhanicheskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Ural Electromechanical Institute of Engineers of Rail- road Transportation Transactions]
Soln. rad. i rad. bal. (13f)	Leningrad. Glavnaia geofizicheskaya observatoriia [Main Geophysical Observatory] Solar Radiation and Radiation Balance Data, Solnechnaya radia- tsiia i radiatsionnyi balans.	Trudy Ural. politekh. inst. (16a)	Sverdlovsk. Ural'skii politekhnicheskii institut. Trudy [Ural Polytechnic Institute. Transactions]
Sov. arkh. (4a)	Sovetskii arkhiv [Soviet Archives]	Trudy VNIIG (13d)	Leningrad. Vsesoyuznyi nauchno-issledovatel'skii institut galurgii. Trudy [All-Union Scientific Research Institute of Metallurgy. Transactions]
Sov. arkh. eol. (4b)	Sovetskaya arkhologiya [Soviet Archaeology]	Trudy VSEGEI (12c)	Leningrad. Vsesoyuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions]
Sov. bibl. (2a)	Sovetskaya bibliografiia [Soviet Bibliography]	Trudy VZIIIT (16g)	Moscow. Vsesoyuznyi nauchnyi institut inzhenerov zhelezn- odorozhnogo transporta. Trudy [All-Union Corre- spondence Institute of Railroad Transportation Engi- neers. Transactions]
Sov. etn. (13a)	Sovetskaya etnografiia [Soviet Ethnography]	TSitologiya (13c)	TSitologiya [Cytology]
Sov. iust. (7)	Sovetskaya iustitsiia [Soviet Justice]	TSvet. met. (16h)	TSvetnye metally [Nonferrous Metals]
Sov. med. (14a)	Sovetskaya meditsina [Soviet Medicine]	Tyl i snab. Sov. Voor. Sil (17a)	Tyl i snabzhenie Sovetskikh Vooruzhennykh Sil [The Rear and Supply of the Soviet Armed Forces]
Sov. muz. (9b)	Sovetskaya muzyka [Soviet Music]	Uch. zap. Kish. un. (1a)	Kishinev. Universitet. Uchenye zapiski [Univer- sity. Studies]
Sov. pedagog. (8a)	Sovetskaya pedagogika [Soviet Pedagogy]	Uch. zap. Ped. inst. Gerts. (1a)	Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A.I. Gertsena. Uchenye zapiski [A.I. Gertsen State Pedagogical Institute. Studies]
Sov. profsoiuzy (5d)	Sovetskie profsoiuzy [Soviet Trade Unions]	Uch. zap. Sver. gos. ped. inst. (1a)	Sverdlovsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Sov. shakht. (16h)	Sovetskii shakhter [Soviet Miner]	Uch. zap. VGPI (1a)	Vologda. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Sov. slav. (4a)	Sovetskoe slavjanovedenie [Soviet Slavic Studies]	Ugol' (16h)	Ugol' [Coal]
Sred. spets. obr. (8a)	Srednee spetsial'noe obrazovanie [Secondary Specialized Education]	Ugol' UKr (16h)	Ugol' Ukrainy [Coal of the Ukraine]
stal' (16h)	Stal' [Steel]	Ukr. ist. zhur. (4a)	Ukrainskii istoricheskii zhurnal [Ukrainian Historical Journal]
Steklo i ker. (16c)	Steklo i keramika [Glass and Ceramics]	Usp. khim. (13d)	Usp. khimii [Progress in Chemistry]
Stroi. i arkh. it. Len. (10b)	Stroitel'stvo i arkhitektura Leningrada [Construction and Architecture in Leningrad]	Usp. sovr. biol. (13c)	Usp. khim. i biol. [Progress in Contemporary Biology]
Stroi. i arkh. it. Mosk. (10b)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]	Uzb. khim. zhur. (13d)	Uzbekskii khimicheskii zhurnal [Uzbek Chemical Journal]
Stroi. mekh. i rasch. soor. (16d)	Stroitel'naya mekhanika i raschet sooruzhenii [Structural Mechanics and Construction Calcula- tions]	Ved. Verkh. Sov. RSFSR (6)	Russia (1917- R S S R.) Verkhovnyi Sovet. Vedo- mosti [Supreme Soviet. Gazette]
Stroi. truboprov. (16d)	Stroitel'stvo truboprovodov [Pipeline Construction]	Ved. Verkh. Sov. SSSR (6)	Russia (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Svar. proizv. (16f)	Svarochnoe proizvodstvo [Welding Practice]	Vest. AMN SSSR (14a)	Akademiiia meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal]
Tekh. est. (16a)	Tekhnicheskaya estetika [Industrial Aesthetics]	Vest. AN Kazakh. SSR (1a)	Akademiiia nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal]
Tekst. prom. (16f)	Tekstil'naya promyshlennost' [Textile Industry]	Vest. AN SSSR (1a)	Akademiiia nauk SSSR. Vestnik [Academy of Sciences of the U.S.S.R. Journal]
Teor. i prak. fiz. kul't. (8b)	Teoriia i praktika fizicheskoi kul'tury [Theory and Prac- tice of Physical Education]	Vest. drev. ist. (4a)	Akademiiia nauk SSSR. Institut istorii. Vestnik drevnei istorii [Academy of Sciences of the U.S.S.R. Institute of History. Review of Ancient History]
Torf. prom. (16h)	Torflannaya promyshlennost' [Peat Industry]	Vest. LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
Transp. stroit. (16d)	Transportnoe stroitel'stvo [Construction for the Trans- portation Industry]	Vest. Mosk. un. Ser. 2: Khim. (13d)	Moscow. Universitet. Vestnik. Seriya 2: Khimiia [Uni- versity. Review. Series 2: Chemistry]
Trudy Chat. GMOS (15a)	Chatkai'skaya gos. inzhenerov i stantsiiia Trudy [Chatkai Engineering Station for Improvement of Mountain Land. Transactions]	Vest. Mosk. un. Ser. 5: Geog. (12b)	Moscow. Universitet. Vestnik. Seriya 5: Geografiia [University. Review. Series 5: Geography]
Trudy Dush. med. inst. (14a)	Dushanbe. Gosudarstvennyi meditsinskii institut Trudy [State Medical Institute. Transactions]	Vest. Mosk. un. Ser. 8: Filoa. (8a)	Moscow. Universitet. Vestnik. Seriya 8: Filosofiia [University. Review. Series 8: Philosophy]
Trudy Fiz. inst. (13f)	Akademiiia nauk SSSR. Fizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physics. Trans- actions]	Vest. Mosk. un. Ser. 12: Pravo (7)	Moscow. Universitet. Vestnik. Seriya 12: Pravo [University. Review. Series 12: Law]
Trudy GIM (4a)	Moscow. Gosudarstvennyi istoricheskii muzei. Trudy [State Historical Museum. Transactions]	Vest. ob- shchestv. nauk AN Arm. SSR (1a)	Akademiiia nauk Armianskoi SSR, Eriyan. Vestnik ob- shchestvennykh nauk [Academy of Sciences of the Armenian S.S.R. Review of Social Sciences]
Trudy Giprotekt. metobrabotka (16h)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii i proektnyi institut po obrabotke i svetnykh metallov. Trudy [State Scientific Research and Planning Institute for the Processing of Nonferrous Metals. Transactions]	Vest. sel'khoz. nauk (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agri- cultural Science]
Trudy Gos. nauch.- issl. inst. psikh. (14c)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut psikhologii. Trudy [State Scientific Research Institute of Psychiatry. Transactions]	Vest. stat. (5b)	Vestnik statistiki [Statistical Review]
Trudy IGD (Sverd.) (16h)	Sverdlovsk. Institut gornogo dela. Trudy [Institute of Mining. Transactions]	Vest. svyazi (16e)	Vestnik svyazi. [Communication Review]
Trudy Inst. eksp. med. AMN SSSR (14a)	Akademiiia meditsinskikh nauk SSSR, Moscow. Institut eksperimental'noi meditsiny. Trudy [Academy of Medical Sciences of the U.S.S.R. Institute of Experimental Medicine. Transactions]	Vest. vysh. shkoly (8a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]
Trudy Inst. gor. dela AN Kazakh. SSR (16h)	Akademiiia nauk Kazakhskoi SSR, Alma-Ata. Institut gornogo dela. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Mining. Transactions]		
Trudy Inst. ist. par. [Azerb.]	Baku. Institut istorii partii. Trudy [Institute of the History of the Party. Transactions]		
Trudy LITV (17b)	Leningrad. Institut vodnogo transporta. Trudy [Institute of Water Transportation. Transactions]		
Trudy Lab. ozero- ved. (13c)	Leningrad. Universitet. Laboratoriia ozerovedeniia. Trudy [University. Laboratory of Limnology. Trans- actions]		
Trudy Mat. inst. (13e)	Akademiiia nauk SSSR. Matematicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Mathematical Institute. Transactions]		

Vestsi AN BSSR Ser. hram. nav. (1a)	Akademika navuk BSSR, Minsk Seryia hramadskikh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Social Sciences]	Zav. lab. (16h)	Zavodskaya laboratoriya [The Factory Laboratory]
Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]	Zhil. stroi. (16d)	Zhiliщное stroitel'stvo [Housing Construction]
Vop. filol. (3a)	Voprosy filosofii [Problems of Philosophy]	Zhur. anal. khim (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Vop. ist. (1a)	Voprosy istorii [Problems of History]	Zhur. evol. biokhim. i fiziol. (13e)	Zhurnal evolyutsionnoi biokhimi i fiziologii [Journal of Evolutionary Biochemistry and Physiology]
Vop. ist. KPSS (6)	Voprosy istorii KPSS [Problems in the History of the CPSU]	Zhur. fiz. khim. (13d)	Zhurnal fizicheskoi khimii [Journal of Physical Chem- istry]
Vop. med. khim. (14f)	Voprosy meditsinskoi khimii [Problems of Medical Chem- istry]	Zhur. mikro- biol., epid i immun (14a)	Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immuno- biology]
Vop. metod. prep marks-len. filos. v vuz (3a)	Voprosy metodiki prepodavaniia marksistsko-leninskoi filosofii v vuzakh [Methodological Problems in Teaching the Marxist-Leninist Philosophy in the Institutions of Higher Learning]	Zhur. Mosk. Patr. (3b)	Orthodox Eastern Church, Russian. Patriarch Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patri- archate]
Viach. delo (14a)	Viachebnoe delo [Medical Practice]	znur. nevr. i psikh. (14e)	Zhurnal nevropatologii i psikiatrii [Journal of Neuropathol- ogy and Psychiatry]
Vysokom. soed. Ser. A (13d)	Vysokomolekulyarnye soedineniia Ser. A [Macromolecular Compounds, Series A]	Zhurnal'ist (11b)	Zhurnal'ist [Journalist]
Zashch. rast (15d)	Zashchita rastenii [Protection of Plants]		

0. GENERALITIES

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07(431)---German Democratic Republic

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07(433)---Federal Republic of Germany

Walraff was here. L. Bezymenskii. Zhurnalist no. 4 66-69 Ap '68.

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07(438)---Austria

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07(44)---France

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07(471, 331)---Kalinin Province

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07(474, 5)---Lithuanian S. S. R.

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07(478)---White Russian S. S. R.

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07(477, 8)---Western Ukraine

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07(571, 53)---Ikutsk Province

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07(571, 55)---Chita Province

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Other "inaccurate information." A. Flerovskii. Zhurnalist no. 8:54-55 Ag '67.

07(575, 3)---Tajik S. S. R.

Everything was so simple. A. Gërber. Zhurnalist no. 7 28-30 Ji '68.

07(597, 3)---South Vietnam

Halfway to the reader. M. Brown. Zhurnalist no. 1 48-49 Ja '68.

07(597, 7)---North Vietnam

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07(728)---Central America

Under the Southern Cross (conclusion). K. Khachaturov. Zhurnalist no. 4 52-53, 58 Ap '68.

07(73)---United States of America

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09(471, 316)---Yaroslavl Province

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1. PHILOSOPHY. METAPHYSICS. PSYCHOLOGY. LOGIC. ETHICS AND MORALS

10 Philosophy

At the 14th International Congress of Philosophers, M. B. Mitin. Nov. vsem. 26 no. 42 20-23 O '68.
At the 41st session of the Indian Philosophical Congress, M. T. Stopovants. Vop. filoz. no. 9 148-151 '68.
Concern for more philosophy teachers. V. P. Rozhin. Vest. vys. shkoly 26 no. 5:69-72 My '68.
Discussing the philosophical problems of physics. I. V. Martynychuk, D. P. Tselishchev. Vest. vys. shkoly 26 no. 5:44-45 My '68.
Fiftieth session of the Philosophical Congress of Pakistan. A. F. Korobkov. Vop. filoz. no. 9 147 '68.
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100 Marxist philosophy. Dialectic materialism

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37(479.24)—Azerbaijani S. S. R.

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370.17(497.2)—Bulgaria
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371.1(471.232)—Leningrad City
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371.1(471.54)—Sverdlovsk Province
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... and inspiration. M. Lysak. Nar. obr. no. 7:74-78 Ji '68.

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Just instruct is not enough. A. Protopopova. Sem'ia i shkola 23 no. 1:20-27 Ja '68.

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543.8 Organic analysis

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- Determination of basic substance in maleimide derivatives. R. S. Didenko, E. P. Neshol'. *Metod. anal. khim. reak. i prepar.* no. 15 160-161 '68
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- Determination of the content of fluoroparaffin. V. N. Veremii, N. I. Chaika. *Metod. anal. khim. reak. i prepar.* no. 15 141-142 '68
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- Direct determination of organic bases in heavy pyridine bases. N. A. Gurdzheva, N. B. Zhilina, T. K. Tichibis. *Zav. lab.* 34 no. 4 413-415 '68
- Fluorimetric determination of small amounts of selenium using 3,4-diaminobenzidine in biological samples. D. I. Rishchuk, I. I. Naumov, L. I. Anikina. *Zhur. anal. khim.* 23 no. 8 1212-1214 Ag '68
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- Spectrophotometric determination of pyromellitic acid in pyromellitic dianhydride. N. P. Anashkina, M. T. Golikova. *Zhur. anal. khim.* 23 no. 8 1261-1265 Ag '68

540 Inorganic chemistry

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- Catalytic polarographic current of the pyridine complex of nickel (2) in the presence of cobalt (2) ions. I. A. I. Turkin, O. I. Ruvinskii. *Elektrokhimiya* 4 no. 2 221-222 Fe '68
- Determination of the kinetic parameters of electrochemical reactions of oxygen and hydrogen peroxide. M. R. Tarasovich. *Elektrokhimiya* 4 no. 2 210-211 Fe '68
- Electrochemical reduction of phosphorus on the lead electrode. N. I. A. Shandilov, A. P. Tomilov. *Elektrokhimiya* 4 no. 2 237-239 Fe '68
- Formation of zircon in the solid phase by the complex emanation-thermal method. K. B. Zuborenko, I. U. Z. Morchalo. *Vest. Mosk. un. Ser. 2 Khim.* 21 no. 4 63-67 Ji-Ag '66
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- Examination of the lungs by the scanning method. V. I. Stuchkov and others. *Sov. med.* 31 no. 5 10-15 My '68
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- Integral absorbed dose in the examination of the thyroid gland with Te^{99m} peroxide. I. U. M. Varentsov, E. V. Kotlarov, V. A. Levin. *Med. rad.* 13 no. 9 53-55 S '68
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- Radioisotope study of the concentration function of the gallbladder. L. D. Lindanbraten, L. A. Iudin. *Med. rad.* 13 no. 9 42-47 S '68

546.1 Nonmetals, metalloids

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- Determination of impurities in hydroiodic acid. N. M. Kuz'min. *Metod. anal. khim. reak. i prepar.* no. 15 89-91 '68
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- 546, 4 Metals of the second group. Alkaline earths**
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- Density of complex solutions containing calcium chloride. L. L. Ezrokhi. *Trudy VNIIG no. 52* 10-10 '67.
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- 2-Amino-2-oxo-1,4-dimethylsulfonamide. G. A. Timokhin, D. I. Kiselev. Metod. poluch. khim. reak. i prepar. no. 17 12-14 '67.
- Vibrational spectra and conformational equilibrium of monohalide substituents of cyclohexane. A. B. Remizov, L. M. Sverdlov. Izv. vys. ucheb. zav., fiz. 11 no. 6 150-153 '68.

547.6 Polycyclic (multiring) nocyelic compounds

- Obtaining naphthalis from chloronaphthalenes. S. M. Shubin and others. Izv. SO AN SSSR no. 12 Ser. khim. nauk no. 5 67-72 '67.
- 1-(2-Tetrahydrofuryl)-3-methyl-3-pentanol and 2-methyl-2-ethyl-1,5-dioxapent-4,5-dien-3-one. A. A. Ponomarev, Z. A. Til'. Metod. poluch. khim. reak. i prepar. no. 17 130-132 '67.
- Spectrophotometric study of the reactions of complexing of N-methyl-anabasine- α' -azobenzene with vanadium, vanadium and palladium ions. T. B. Amirkhaniyeva, V. S. Podgornaya, I. P. Shevtsova. Izv. khim. zhur. 10 no. 4 21-23 '68.
- Synthesis of 2,6-dicyclohexadienyl-substituted pyrylium salts. A. G. Ismailov, M. R. Atakishieva. Azerb. khim. zhur. no. 8 83-86 '67.
- 2-Anthracenesulfonchloride. N. I. Chernova, B. M. Bolotina, A. G. Brud'el'. Metod. poluch. khim. reak. i prepar. no. 17 15-16 '67.
- 2-methyl-1,6-dioxaspiro-(4,4)-nonane. A. A. Ponomarev, I. A. Markushina. Metod. poluch. khim. reak. i prepar. no. 17 73-74 '67.
- 2-methyl-1,6,8-trioxaspiro-(1,1,4,2)-tridecane. A. A. Ponomarev, I. A. Markushina. Metod. poluch. khim. reak. i prepar. no. 17 68-69 '67.
- 2-methyl-2,1-dithiol-1,6-dioxaspiro-(4,4)-nonane. A. A. Ponomarev, V. A. Sedavkina. Metod. poluch. khim. reak. i prepar. no. 17 77-79 '67.
- 2-methoxy-7-methyl-4,6-dioxaspiro-(4,4)-3-nonene. A. A. Ponomarev, I. A. Markushina. Metod. poluch. khim. reak. i prepar. no. 17 99-101 '67.

547.7 Heterocyclic compounds

- Conformation isomerization of some cyclic diperoxides studied by the NMR method. I. U. Samitov and others. Dokl. AN SSSR 180 no. 5 1122-1125 '68.
- Determination of the content of fluorocretol. V. N. Veremil, N. I. Chaika. Metod. anal. khim. reak. i prepar. no. 15 141-142 '68.
- Deter mination of titanium in titanates with diantipyryl methane. I. U. Tselinskii, I. P. Gorbunov, E. V. Lapteva. Metod. anal. khim. reak. i prepar. no. 15 115-117 '68.
- Direct determination of organic bases in heavy pyridine bases. N. A. Gurdzeya, N. B. Zhilina, T. K. Teifirib. Zav. lab. 34 no. 4 115-116 '68.
- Oxyoxalindole-(2-oxo-2,3)-oxyoxaphthalene. I. A. Krasavin and others. Metod. poluch. khim. reak. i prepar. no. 17 119-121 '67.
- Electronic effects of substituents in 2- and 4-substituted pyrimidines. N. V. Khomov-Borisov. Dokl. AN SSSR 180 no. 5 1129-1131 '68.
- 5-bromo-2-nitroimidazole. Z. N. Nazarov, R. N. Novikov. Metod. poluch. khim. reak. i prepar. no. 17 20-22 '67.
- 5-(5-Nitro-2-furyl)-3-methylpyrazole. A. A. Ponomarev, L. V. Cherkasova. Metod. poluch. khim. reak. i prepar. no. 17 108-110 '67.
- (5-Nitro-2-furyl)acetone. A. A. Ponomarev, L. V. Cherkasova. Metod. poluch. khim. reak. i prepar. no. 17 111-112 '67.
- 4-Nitro-1,1-diethylaminoethylbenzene. V. G. Brud'el' and others. Metod. poluch. khim. reak. i prepar. no. 17 100-107 '67.
- 1-methyl-2-carboxylic acid. Z. V. Nazarov, V. N. Novikov. Metod. poluch. khim. reak. i prepar. no. 17 169-161 '67.
- Indoxyl acetate. V. M. Ostrovskaya, I. A. Gorker. Metod. poluch. khim. reak. i prepar. no. 17 54-56 '67.
- Influence of the nature and quantity of heteroatoms on the aromaticity of five-membered heterocycles. E. S. Krongauz and others. Dokl. AN SSSR 179 no. 1 94-97 '68.
- N-Furfurylthienediamine. A. A. Ponomarev, I. M. Skvortsov. Metod. poluch. khim. reak. i prepar. no. 17 174-175 '67.
- N-Furfurylpropylene-1,3-diamine. A. A. Ponomarev, N. I. Maslennikova. Metod. poluch. khim. reak. i prepar. no. 17 172-173 '67.
- N-methyl-3-chloropiperidine. A. A. Ponomarev, N. I. Martem'yanova. Metod. poluch. khim. reak. i prepar. no. 17 97-98 '67.
- N-methyl-3-oxypiperidine. A. A. Ponomarev, N. I. Martem'yanova. Metod. poluch. khim. reak. i prepar. no. 17 82-85 '67.
- N-Tetrahydrofurfurylthienediamine. A. A. Ponomarev, I. M. Skvortsov. Metod. poluch. khim. reak. i prepar. no. 17 133-134 '67.
- 6-formyl-3,4-benzoxaziridine. B. S. Tanasefchik, I. A. Postovskii. Metod. poluch. khim. reak. i prepar. no. 17 158-160 '67.
- N-Diacetylindoxyl. V. M. Ostrovskaya, I. A. Gorker. Metod. poluch. khim. reak. i prepar. no. 17 36-38 '68.

- 1-acetyl-3,3-dihydroindole. A. A. Shestakman, L. P. Makino. Metod. poluch. khim. reak. i prepar. no. 17 17-19 '67.
- 1-(2-Furyl)-4-methyl-3-hexanone. A. A. Ponomarev, Z. A. Til'. Metod. poluch. khim. reak. i prepar. no. 17 169-171 '67.
- 1-(2-Furyl)-3-methylaminoethanol. A. A. Ponomarev, M. V. Naitana, I. M. Skvortsov. Metod. poluch. khim. reak. i prepar. no. 17 165-166 '67.
- 1-(2-Tetrahydrofuryl)-3-aminobutane and 1-(5-methyl-2-pyridyl)-3-propanol. A. A. Ponomarev, A. P. Krivenko, M. V. Naitana. Metod. poluch. khim. reak. i prepar. no. 17 126-128 '67.
- 1-(2-Tetrahydrofuryl)-3-methyl-3-pentanol and 3-methyl-2-ethyl-1,6-dioxapent-4,5-dien-3-one. A. A. Ponomarev, Z. A. Til'. Metod. poluch. khim. reak. i prepar. no. 17 130-132 '67.
- 1-methyl-3-(4-dimethyl)-5,6,7,8-tetrahydrobenzocyclopentadiene. G. N. Dorofeev, I. V. Lukin, V. I. Pukhov. Metod. poluch. khim. reak. i prepar. no. 17 88-90 '67.
- 1-methyl-3-phenyl-5,6,7,8-tetrahydrobenzocyclopentadiene perchlorate and 1-methyl-3-phenyl-5,6,7,8-tetrahydrobenzocyclopentadiene. V. I. Dorofeev, G. N. Dorofeev. Metod. poluch. khim. reak. i prepar. no. 17 91-94 '67.
- 1-Phenyl-3-methyl-1-aminobenzocyclopentadiene perchlorate. R. B. Zhurav, V. N. Ivanov. Metod. poluch. khim. reak. i prepar. no. 17 155-157 '67.
- 7-azabenzopyrrolidine. A. A. Ponomarev, I. M. Skvortsov. Metod. poluch. khim. reak. i prepar. no. 17 5-6 '67.
- 6,6-bis(2-furyl)-3-pyridone. A. A. Ponomarev, V. A. Sedavkina. Metod. poluch. khim. reak. i prepar. no. 17 29-30 '67.
- Study of furfural condensation products with added amino alcohols by the infrared spectroscopy method. G. I. Moiseeva, S. A. Guralova. Uzb. khim. zhur. 10 no. 1 27-29 '68.
- Synthesis of aromatic polyamides and polyethers containing 1,3,4-oxadiazole cycles in the main chain. E. S. Krongauz and others. Dokl. AN SSSR 180 no. 5 1105-1108 '68.
- Tetraole-azidoazomethine transformation in the reaction of naphthalenolates. I. A. Postovskii, G. N. Timonova, L. P. Lipatova. Dokl. AN SSSR 179 no. 1 111-112 '68.
- 1-(2-Furyl)-5-hexanone. A. A. Ponomarev, V. A. Sedavkina. Metod. poluch. khim. reak. i prepar. no. 17 161-162 '67.
- 1-methyl-4-dimethylaminomethyl-1,3-dihydroxypropane. A. A. Ponomarev, I. N. Astakhova, V. I. Simakov. Metod. poluch. khim. reak. i prepar. no. 17 10-11 '67.
- 2-Methyl-5-formyl-1,3-dihydroxypropane. A. A. Ponomarev, I. N. Astakhova. Metod. poluch. khim. reak. i prepar. no. 17 94-96 '67.
- 3-methyl-1,2-dihydroxypropane. A. A. Ponomarev, I. M. Skvortsov. Metod. poluch. khim. reak. i prepar. no. 17 65-66 '67.
- 1-Phenylbenzothiazole. V. G. Brud'el' and others. Metod. poluch. khim. reak. i prepar. no. 17 168-169 '67.
- 2,5-dimethyl-3,4-dihydrofurfurylaminomethanol. A. A. Ponomarev, I. A. Markushina, I. S. Mamedov. Metod. poluch. khim. reak. i prepar. no. 17 48-49 '67.
- 2,1,5-trimethylpyrimidine perchlorate and 2,1,6-trimethylpyrimidine. G. N. Dorofeev, S. V. Kravtsov. Metod. poluch. khim. reak. i prepar. no. 17 140-141 '67.
- 2,4,6-triphenylpyrimidine perchlorate and 2,1,6-triphenylpyrimidine. G. N. Dorofeev, S. V. Kravtsov. Metod. poluch. khim. reak. i prepar. no. 17 15-154 '67.
- 2-methyl-1,6-dimethylpyrylium perchlorate. G. N. Dorofeev, S. V. Kravtsov. Metod. poluch. khim. reak. i prepar. no. 17 75-76 '67.
- 6-methyl-3,1,5,6-tetrahydropyrimidine perchlorate. I. U. Zhdanov, G. N. Dorofeev, V. A. Pukhov. Metod. poluch. khim. reak. i prepar. no. 17 61-64 '67.
- 2,3-dihydroindole. A. N. Ismailov and others. Metod. poluch. khim. reak. i prepar. no. 17 48-49 '67.
- 2,1,5-Trihydrobenzole acid. G. N. Nalutskaya, A. P. Lukin, G. N. Kunkelova. Metod. poluch. khim. reak. i prepar. no. 17 136-138 '67.
- 2,1,4,4-nonyl- and 2,1,4,4-nonylpyridine. I. P. L. Chumakov, V. M. Ledenyuk. Metod. poluch. khim. reak. i prepar. no. 17 1-10 '67.
- 2-(3-Oxypropyl)-5-(3-oxopropyl)-furan. A. A. Ponomarev, I. A. Markushina. Metod. poluch. khim. reak. i prepar. no. 17 116-118 '67.
- 3,4-dimethylpyrrolidine-2-thiothiazolidine-2-thiothiazolidine-2-thiothiazolidine. V. A. Sedavkina and others. Metod. poluch. khim. reak. i prepar. no. 17 44-47 '67.

547.9 Natural substances (of unknown composition)

- Activity of catepsin in the nucleus of dog following auto-amputation of an extremity. L. I. Lukashchik. Vop. med. khim. 11 no. 5 910-913 S. O. '68.
- Akhrom, A. A., and I. U. A. Thov. [Poliznyl sintez sterolov. Moskva, Nauka, 1967, 322 p.]
- Availability of adsorbed amino acids in deficient Escherichia coli mutants. J. L. Velikanov, D. G. Zvingintsev. Nauch. dokl. vys. shkolybiol. nauki 11 no. 8 88-89 '68.
- Competing relationships between lysine-enriched (f₁) and arginine-enriched (f₂) fractions of histones in the course of nucleohistone formation. I. P. Ashmarin, P. S. Muzatcheva. Vest. LGU 23 no. 15 85-93 Ag '68.
- Dependence of the influenza virus on the host cell, and the nucleic acid of influenza viruses. P. D. Barry, P. Davies. Vest. AMN SSSR 23 no. 9 84-70 '68.
- Doxorylbomolene activity of the uric acid in animals irradiated with fast neutrons. H. I. U. Chubot'kov, I. Z. Rikova. Izv. Lzh. zhur. [Ukr.] 14 no. 2 258-261 Mr-Ap '68.
- Determination of lysine content in corn grain. M. Dench and others. Vest. sel'khoz. nauki 13 no. 1 139-141 S '68.

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- Effect of estrone and actinomycin (aurantin) on the RNA synthesis in hepatic cell nuclei of ovariectomized rats A. P. Khrizova and others. Probl. endok. 14 no. 4:58-63 JI-Ag '68.
- Effect of gonadectomy and introduction of testosterone propionate on the biosynthesis of cytoplasmic fractions of RNA in the liver of rats. R. S. Tishchenko, L. M. Gol'ber. Probl. endok. 14 no. 4:64-69 JI-Ag '68.
- Effect of phytohemagglutinin on the formation of embryo-specific γ -globulins in adult dogs. A. V. Afanas'eva. Vop. med. khim. 14 no. 3:217-219 My-Je '68.
- Fibrinogen-heparin complex as a natural agent of physiological anticoagulation system. B. A. Andriashov, T. M. Kallabevskaya, L. A. Llapina. Vop. med. khim. 14 no. 3:277-283 My-Je '68.
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- Synthesis of tissue proteins in rabbits with removed liver. E. N. Korotkin, V. I. Nikulin, A. S. Konikova. Vop. med. khim. 14 no. 5:527-534 S-O '68.
- Use of pachyrrhine for extractive-photometric determination of palladium. G. P. Gorykova, S. I. Tsiplov, R. Kh. Dzhanbaev. Uzb. khim. zh. 12 no. 3:22-24 '68.
- Use of photoelectrocolorimeter in a simple method of quantitative measurement of locomotors. I. U. Utkov. Vop. med. khim. 14 no. 5:517-519 S-O '68.
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- Crystal lattice structure of the basic Li₂Cd-molybdate Li₂(MoO₄)OH. B. M. Kubaev and others. Dokl. AN SSSR 179 no. 1:84-87 '68.
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- Effect of γ -radiation on the density of alkali-halide crystals. G. A. Andreev, G. I. Vasil'ev. Fiz. tver. tela 10 no. 5:1292-1297 My '68.
- Effect of smoothed surface defects on the value of destruction stresses of germanium single crystals at 300° and 4-2° K. S. V. Tsvinskii, O. V. Kiliavin, A. V. Stepanov. Fiz. tver. tela 10 no. 5:1367-1401 My '68.
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- Mechanism of epitaxial growth of PbTe on KCl. V. M. Kosevich, L. S. Palatnik, V. K. Sorokin. Fiz. tver. tela 10 no. 8:2485-2472 Ag '68.
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- Nonadiabatic transitions in one-dimensional periodic systems. E. S. Medvedev, V. I. Oscherov. Fiz. tver. tela 10 no. 8:2500-2513 Ag '68.
- Phenomenological theory of the magnetic resonance in magnetically ordered media with two sublattices. L. V. Kuznetsov, V. K. Gurevich. Fiz. tver. tela 10 no. 5:1518-1523 My '68.
- Photoelectric effect of Si₃Si single crystals. A. I. Kudzin, A. N. Sukhinski, R. V. Ogilov. Fiz. tver. tela 10 no. 5:1577-1579 My '68.
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620.18 Investigation of structure. Metallography. Equivalent study of nonmetals

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621(471.232)—Leningrad City

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621(471.5)—Ural regions

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621(477.6)—Donetsk Basin

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621(574)—Kazakh S. S. R.

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621.00 Machinery details

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621.001 General characteristics

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621.002 Fixed and moving parts

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621.004 Form and shape of products

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621.007 Servicing, maintenance, assembly, protection and safety devices

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621.008 Machinery, plant or apparatus according to motive force or power

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621.73 Forges, Forge and hammer work

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621.74 Foundries Foundry work

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- Economic efficiency of induction furnaces. A. V. Uvarov, V. S. Kabanov. *Lit. prozv.* no. 7:8-9 JI '68.

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- Manufacture of cores in hot boxes. G. I. Bobrnikov, V. G. Bass, N. S. Klebanov. *Lit. prozv.* no. 7:2-5 JI '68.
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621.762 Powder metallurgy

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621.77 Rolling

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- Empirical formulas for calculating the increase in tensile strength of steel patented wire after drawing. M. N. Pechov. Stal' 28 no. 5-470-471 My '68.
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- Roll material for molybdenum rolling in vacuum. I. A. B. Gurevich and others. TSvet. met. 41 no. 3-70-80 My '68.
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- Selecting the optimum cross section of holes in draw dies for sink drawing of tubes. A. D. Lamin, Met. i gornorud. prom. 9 no. 3-22-24 My-Je '68.
- Some improvement in design of rolling mills for higher rolling precision. M. I. Brown, V. N. Vydrin, IU. S. Podin, Izv. vyz. ucheb. zav., mashinost. no. 5-107-170 '68.
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- Submerged arc welding for the manufacture of large-sized pipes; review. D. E. Paton, S. L. Mandel'berg, Avtom. svarka 21 no. 3-41-46 My '68.
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- Unit for filling pipes with sand. V. D. Zorin, Khim. i nef. mashinost. no. 9 39-40 S '68.
- Use more fully the advantages of thermally hardened rolled products. A. I. Ivanin, Met. i gornorud. prom. 9 no. 1 95-96 My-Je '68.
- Use of heating furnaces in pipe rolling installations with Pilgrim mills. I. N. Vasilenko and others. Met. i gornorud. prom. 9 no. 3 40-42 My-Je '68.
- Using the photomicroscope for automatic continuous measuring of the width of rolled wires in angular cross sections. E. M. Antoshchenko, A. D. Ignatenko, B. V. Sologub, Met. i gornorud. prom. 9 no. 3 10-22 My-Je '68.
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- Welding superheating pipes from L2Kh2MV6FB heat resistant steel. E. P. Matsnev, A. S. Astaf'ev, Avtom. svarka 21 no. 2-47-49 F '68.

621.77(471.55)—Chelyabinsk Province

- Investigating the efficiency of the hydromechanical regulation of rolled strip sections on sheet mills at the Magnitogorsk Metallurgical Combine. A. D. Filatov and others. Stal' 28 no. 5-432-434 My '68.

621.77(571.17)—Kemerovo Province

- Analysis of force and power parameters of rolling on a two-high reversing and a three-high breakdown mill in the sheet-rolling shop of the Kuznetsk Metallurgical Combine. M. A. Zalkov and others. Izv. vyz. ucheb. zav.; khim. met. II no. 8-100-101 '68.

621.78 Heat treatment

- Automatic heat treatment machine. G. Khodos, NTO SSSR 10 no. 8-40 Ag '68.
- Boriding of steel. N. N. Nogov, I. P. Potisova, Izv. vyz. ucheb. zav.; khim. met. II no. 8-125-128 '68.
- Calculation and automatic control of ingot temperature in soaking pits. V. A. Makovskii and others. Stal' 28 no. 5-465-468 My '68.
- Case hardening of 3Kh2V07 and 5Kh1V2S tool steels. N. F. Turina, A. V. Turusov, Metalloved. i term. obr. met. no. 8 53-53 Ag '68.
- Complex saturation of iron by boron, manganese, and boron. P. I. Mol'nik, Izv. vyz. ucheb. zav.; khim. met. II no. 8-136-138 '68.
- Cooling conditions in the surface hardening of rails. G. F. Golovin and others. Stal' 28 no. 5 472-475 My '68.
- Cyanidation of steel with ammonia in the presence of carbon. A. A. Gonorov, Metalloved. i term. obr. met. no. 8-68-69 Ag '68.
- Decarburization and oxidation of ShKh15 steel during heating. IU. F. Rozengart and others. Stal' 28 no. 1 62-64 Ja '68.
- Decarburization of tool steels by induction reheating. B. M. Litvinov and others. Stal' 28 no. 5-440-452 My '68.
- Diffusion chrome plating of die steel. A. P. Uodis, IU. A. Geller, Izv. vyz. ucheb. zav., mashinost. no. 5: 182-188 '68.
- Effect of arsenic and phosphorus on the transformation temperature during the tempering of medium and high-carbon steels. V. V. Kamykov, Izv. vyz. ucheb. zav.; khim. met. II no. 8-122-124 '68.
- Effect of deformation rate during the high-temperature thermomechanical treatment on the mechanical properties of 50KhFA steel. V. P. Kopaleishvili, Metalloved. i term. obr. met. no. 8-66-68 Ag '68.
- Effect of heat treatment on hydrogen penetration in the EI-437B alloy. V. IU. Koshelev, V. A. Gol'tsova, P. V. Gol'd. Trudy Ural. pol'tekhn. inst. no. 167-26-30 '68.
- Effect of high-temperature thermomechanical treatment on the mechanical properties of 45KhNMFA steel during torsion. N. I. Kukhtak and others. Fiz. - khim. mekh. mat. 4 no. 2-128-132 '68.
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- Effect of the depth of cementation on the cyclic strength of parts with a coated layer of electrolytic iron of various thicknesses. V. G. Dazhin, IU. D. Kon'kov, V. G. Savin, Izv. vyz. ucheb. zav., mashinost. no. 5: 170-171 '68.
- Effect of thermomechanical treatment on the tendency of structural steel toward hydrogen embrittlement. O. N. Rompny, N. L. Kukhtak, Fiz. - khim. mekh. mat. 4 no. 2-143-148 '68.
- Empirical formulas for calculating the increase in tensile strength of steel patented wire after drawing. M. N. Petrov, Stal' 28 no. 5-470-471 My '68.
- Formation of dislocations in HgTe crystals during annealing in mercury vapors. G. V. Indenbaum, E. E. Polisar, A. V. Vanlukov, Fiz. i ver. tela 10 no. 8:2624-2626 Ag '68.
- Full hardening. S. V. Gubert, NTO SSSR 10 no. 4:12-13 Ap '68.
- Heat treatment of cold-rolled bearing pipes from ShKh steel using induction heating. M. S. Alfeyeva and others. Met. i gornorud. prom. 9 no. 3-33-34 My-Je '68.
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- High-temperature thermomechanical treatment of low-alloy steel with a varying carbon content. M. L. Bernshein, V. I. Pustalov, Fiz. i khim. obr. mat. no. 3 67-74 My-Je '68.
- Improving heat-treatment conditions of hot extrusion pipes from Kh8 and Kh5M steels. R. P. Radchenko and others. Stal' 28 no. 5 455-457 My '68.
- Improving the design of soaking pits. M. P. Revun, Met. i gornorud. prom. 9 no. 3 39-39 My-Je '68.
- Increasing the cyclic strength of Kh18N9T steel by mechanical and thermal machining. V. S. Ivanova, M. G. Volkman, Metalloved. i term. obr. met. no. 8 40-48 Ag '68.
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- Influence of high temperature heat treatment on the austenite phase of high-speed steel. V. G. Chikira, G. A. Khasin, T. N. Popova, Metalloved. i term. obr. met. no. 8-22-26 Ag '68.
- Infrared treatment of blocks used for tunnel lining. I. A. G. Feldman, A. I. Chernikov, V. A. Tolstakov. Trudy. stroi. so. 1 32-34 Ja '67.
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621.791 Welding and allied techniques

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621.85 Flexible transmissions and drives

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621.86 Materials handling Mechanical handling and hoisting equipment

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622.2(471.54)—Sverdlovsk Province

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622.2(477.6)—Donets Basin

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622.3 (477.6) — Donets Basin

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622.3 (477.8) — Western Ukraine

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622.3 (571.16) — Tomsk Province

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622.3 (571.17) — Kemerovo Province

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622.3 (571.64) — Sakhalin Province

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622.5 (477) — Ukrainian S. S. R.

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- Devotion to Soviet music. I. Elisseev, G. Grishin. Sov. muz. 31 no. 12:00-83 D '67.

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- A distinguished man of music. IU. Tulin. Sov. muz. 31 no. 8:25-28 Ag '67.

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- The li quartets of Shostakovich. V. Bobrovskii. Sov. muz. 32 no. 2:95-97 F '68.

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- An evening of patriotic songs. V. Sibirskii. Sov. muz. 32 no. 2:94-95 F '68.

- "The freshness of words and feelings is in simplicity." N. Iudenich. Sov. muz. 31 no. 8:15-17 Ag '67.

- From a musician's archive. P. Riazanov. Sov. muz. 31 no. 10:61-68 O '67.

- Give more attention to peripheral cadres. I. Zetel'. Sov. muz. 32 no. 2:71-75 F '68.

78 (Continued)
 "Goyescas" by Granados. K. Rozenshtil'd. Sov. muz. no. 1:87-97 Ja '68.
 Growth of the new generation. T. Khrennikov. Mysterstvo no. 3:24-25 My-Je '68.
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 In search of great joys. T. Gaidamovich. Sov. muz. 31 no. 8:91-92 Ag '67.
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 On reading Blok... L. Zhivov. Sov. muz. 32 no. 2:102-103 F '68.
 1968... Sov. muz. 32 no. 1:4-7 Ja '68.
 Our friend, the record. B. Vladimirovskii. Sov. muz. 32 no. 1:44-46 Ja '68.
 Our guests. V. Vosen. Sov. muz. 32 no. 1:116-117 Ja '68.
 Our readers write us. N. Strizhov, N. Krutov, N. Zhukovskaya. Sov. muz. 31 no. 12:111-116 D '67.
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 Radical changes are necessary. I. Maromisev. Sov. muz. 32 no. 2:66-70 F '68.
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 Such impressions are unforgettable. Sov. muz. 32 no. 1:85 Ja '68.
 Taken as armament. E. E. Pastushenko. Sov. muz. 32 no. 2:5-8 F '68.

Talent in development. M. Tarakanov. Sov. muz. 31 no. 10:11-21 O '67.
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 Tamara Ianko. E. Grosheva. Sov. muz. 31 no. 10:30-37 O '67.
 A teacher and innovator. I. Pastylnik. Sov. muz. 31 no. 8:28-40 Ag '67.
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 "This is how it began. V. Kollar. Sov. muz. 31 no. 12:40-42 D '67.
 "This is what I think..." M. Nestevaia. Sov. muz. 31 no. 12:76-79 D '67.
 To my contemporaries. V. Zaderatskii. Sov. muz. 31 no. 8:5-10 Ag '67.
 To my teachers. Anatol Vleru. Sov. muz. 32 no. 1:112-114 Ja '68.
 A versatile musician. K. Petrova. Sov. muz. 31 no. 10:89-92 O '67.
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 78 (430)—Germany
 October and the German song. Werner Kaden. Sov. muz. 31 no. 10:118-121 O '67.
 78 (439)—Hungary
 A teacher, a pianist, a person. L. Hernady. Sov. muz. 31 no. 12:123-126 D '67.
 Traits of style. A. Eukovin. Sov. muz. 31 no. 12:117-123 D '67.
 78 (44)—France
 The Toulouse chamber orchestra. T. Gaidamovich. Sov. muz. 31 no. 8:100 Ag '67.
 78 (400)—Spain
 Palo Sorozabal, man and musician. Carlos Palacio. Sov. muz. 32 no. 2:132-134 F '68.
 78 (471, 232)—Leningrad City
 On the threshold of the general inspection. M. Sergeev, A. Kholodilin. Sov. muz. 31 no. 10:7-11 O '67.
 The third student festival. M. Rakhmanova. Sov. muz. 31 no. 8:20-22 Ag '67.
 78 (471, 332)—Smolensk Province
 Days of Glinka. I. Khatskevich. Sov. muz. 31 no. 10:98-101 O '67.
 78 (474, 3)—Latvian S. S. R.
 The creativeness of friends. L. Tarov, R. Kosacheva. Sov. muz. 31 no. 12:65-67 D '67.
 78 (474, 5)—Lithuanian S. S. R.
 First festival of chamber music. I. U. Olenev. Sov. muz. 31 no. 10:101-105 O '67.
 78 (476)—White Russian S. S. R.
 Affirming life. D. Romanova. Sov. muz. 31 no. 10:23-24 O '67.
 The happiness of meeting. O. Sosnovskaya. Sov. muz. 32 no. 1:78-79 Ja '68.
 78 (477)—Ukrainian S. S. R.
 A bard of our heroic times. Mykhailo Potolal. Nar. tvorch. ta etn. no. 3:60-60 My-Je '68.
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 Enrichment of the choreographic "vocabulary." Kim Vasylenko. Nar. tvorch. ta etn. no. 3:40-47 My-Je '68.
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 The memory of heroes. L. Bas. Sov. muz. 31 no. 10:21-22 O '67.
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 On the road to perfection. Sov. muz. 32 no. 1:85-86 Ja '68.
 The familiar and the new. V. Zhivov. Sov. muz. 32 no. 1:80-81 Ja '68.
 Pioneers of an important action: the 20th anniversary of the orchestra of Ukrainian national musical instruments. Perokop Ivanov. Nar. tvorch. ta etn. no. 3:70-79 My-Je '68.
 Remarkable page. T. Bulat. Mysterstvo no. 3:6-7 My-Je '68.
 Successful debut. I. U. Shehyrytsia. Mysterstvo no. 3:29 My-Je '68.

78 (478)—Moldavian S. S. R.
 A concert of the Moldavian symphony orchestra N. Fedorova. Sov. muz. 32 no. 1:77-78 Ja '68.
 "Fuerer" plays. E. Andreeva. Sov. muz. 32 no. 1:71-75 Ja '68.
 Moldavia sings. I. Petrova. Sov. muz. 32 no. 1:76-77 Ja '68.
 78 (479, 22)—Georgian S. S. R.
 Chamber ensembles are playing. S. Vorin. Sov. muz. 31 no. 10:110-112 O '67.
 Listen, "Cordello" is singing! K. Ptilia. Sov. muz. 31 no. 10:108-109 O '67.
 The first Georgian organist. O. Marjanova. Sov. muz. 31 no. 10:107-108 O '67.
 78 (479, 24)—Azerbaijan S. S. R.
 The Azerbaijan national orchestra. I. Kratov. Sov. muz. 31 no. 10:112 O '67.
 The Iakki stage collective. A. Braginskii. Sov. muz. 31 no. 10:113 O '67.
 78 (479, 25)—Armenian S. S. R.
 The genial concert of musicians. B. Dohrachetov. Sov. muz. 31 no. 10:106-107 O '67.
 Orchestra and chorus of Armenia. G. Udlin. Sov. muz. 31 no. 10:106 O '67.
 78 (494)—Switzerland
 First meeting. O. Agarkov. Sov. muz. 31 no. 8:121-123 Ag '67.
 78 (495)—Greece
 A composer and fighter. S. Kolnykov. Sov. muz. 31 no. 12:128-132 D '67.
 Our generation. Mikis Theodorakis. Sov. muz. 32 no. 2:118-120 F '68.
 78 (497, 2)—Bulgaria
 A concert of our friends. V. Zhivov. Sov. muz. 31 no. 8:99-100 Ag '67.
 78 (498)—Romania
 Bucharest impressions. R. Leites. Sov. muz. 32 no. 2:121-126 F '68.
 78 (519, 3)—Mongolian People's Republic
 Songs of the new life. B. Shilnov. Sov. muz. 31 no. 12:121-129 O '67.
 78 (540)—India
 Music of the "land of miracles." Sh. Mahavolidze. Sov. muz. 31 no. 8:116-120 Ag '67.
 78 (574)—Kazakh S. S. R.
 Kazakhstan performs. G. Udlin. Sov. muz. 31 no. 10:113-115 O '67.
 78 (575, 1)—Uzbek S. S. R.
 The genre gathers strength. N. Ivanov-Ianovskaya. Sov. muz. 31 no. 8:17-19 Ag '67.
 At new frontiers. N. Mikhailovskaya. Sov. muz. 32 no. 2:41-47 F '68.
 The originators. T. Vyrgo. Sov. muz. 31 no. 10:61-66 O '67.
 78 (575, 2)—Kirghiz S. S. R.
 Musical Kirghizia in Moscow. V. Osipova. Sov. muz. 31 no. 10:115-117 O '67.
 78 (729, 1)—Cuba
 Overcoming difficulties. D. Tiulin. Sov. muz. 32 no. 2:120-132 F '68.
 79 ENTERTAINMENT. PASTIMES. GAMES. SPORT
 All-Union competitions. Prof. tekhn. obr. 23 no. 1:21 D '66.
 The cruel price of art. I. U. Khanlutin. Zhurnalist no. 5:45 My '68.
 From the minute to the twist. Igor' Moiseev. Sem'ia i shkola 23 no. 1:30-38 Ja '68.
 In family leisure time. Sem'ia i shkola 22 no. 12:50-59 D '67.
 In family leisure time. Sem'ia i shkola 23 no. 1:56-64 Ja '68.
 On Bulgarian soil. V. Butvov, V. Bagin. Prof. tekhn. obr. 23 no. 9:23 S '66.
 Techniques for working out on an apparatus. Kryl. red. 10 no. 7:23-25 Ji '68.
 79 (460)—Spain
 The dances of Spain. M. Valsbord. Sov. muz. 31 no. 8:103-105 Ag '67.
 79 (477)—Ukrainian S. S. R.
 Enrichment of the choreographic "vocabulary." Kim Vasylenko. Nar. tvorch. ta etn. no. 3:40-47 My-Je '68.
 Joy of creative work. M. Kovalenko. Mysterstvo no. 3:28 My-Je '68.
 New forms of work of the "Yatran" Dance Ensemble. Andrii Humenjuk. Nar. tvorch. ta etn. no. 3:96-97 My-Je '68.
 79 (477, 6)—Donets Basin
 Guests from the Don. V. Sheburov. Sov. muz. 32 no. 2:100-102 F '68.
 791 Public entertainment
 The "Bolshoi" at Expo-67. M. Chulaki. Sov. muz. 31 no. 12:138-144 D '67.

791 (Continued)
A holiday by the sea. G. Khaïmovskii, Sov. muz. 31 no. 12:44-53 D '67.

791(474.2)—Estonian S. S. R.
Messengers of a singing republic. V. Leonidov, Sov. muz. 31 no. 12:67-69 D '67.

791(474.5)—Lithuanian S. S. R.
The triumph of Lithuanian art. V. Zhilov, Sov. muz. 31 no. 12:62-65 D '67.

791(481)—Noiway
On Norwegian soil. Ekaterina Sheveleva, Nov. vrem. 26 no. 38:26-27 S '68.

791(575.1)—Uzbek S. S. R.
All muses are the guests of Muscovites. P. Akhundov, Sov. muz. 31 no. 12:56-59 D '67.

791(575.3)—Tajik S. S. R.
Tajik Impressions. G. Iudin, Sov. muz. 31 no. 12:54-59 D '67.

791(575.4)—Turkmen S. S. R.
A holiday of sound, movement, and color. P. Pichugin, Sov. muz. 31 no. 12:58-62 D '67.

791.4 Film Motion pictures
The border lines of memory. G. Shergova, Zhurnal'st no. 1:32-34 Ja '68.
Concern for children's motion pictures. G. Ponevezhskala, Sem'la i shkola 23 no. 1:47-48 Ja '68.
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We also are research scientists. I. Beliaev, V. Lisakovich, Zhurnal'st no. 8:16-18 Ag '67.

791.4(46)—Italy
Uncritical imitation. O. Poltorats'kiy, Mysterstvo no. 3:34-38 My-Je '68.

791.4(477)—Ukrainian S. S. R.
Interesting companion. D. Vasylyuk, Mysterstvo no. 3:36-37 My-Je '68.
Past and present. IU. Novikov, Mysterstvo no. 3:32-33 My-Je '68.
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792 Theater. Dramatic performances
Ben'ish, R. M. Pelagela Stropolova, Leningrad, "Iskusstvo," 1967, 255 p. (Zhizn' v Iskusstve).
For adults and children. N. Suelina, Sov. muz. 31 no. 12:16-18 D '67.
A guarantee for further successes. IA. Pakker, Sov. muz. 31 no. 12:4-10 D '67.
"Katerina Znamenskaya" on the screen. L. Fyld, Sov. muz. 31 no. 12:70-75 D '67.
Knight of truth. M. Gellig, Sov. muz. 31 no. 12:18-19 D '67.
The masters relate. A. Messerer, S. Chudinov, Sov. muz. 31 no. 10:92-97 O '67.
Partners of the Red Army. N. S. Zolov, Sov. arkh. no. 1:105-107 '68.
Repetition of old material. V. Nikolaiov, Mysterstvo no. 3:12-13 My-Je '68.
Scenes from the past or the past on the stage. V. Shevelev, Zhurnal'st no. 3:54-56 Mi '68.
There is a muse. . . A. Moylevko, Mysterstvo no. 3:8-10 My-Je '68.
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Tovstonogov, G. A. [Profession of the producer] O professii rezhissera. [Izd. 2-e, dop.] Moskva, 1967, 360 p.
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Young people on the stage. V. Ostrova, Domidov, Sov. muz. 32 no. 1:49-55 Ja '68.

792(437)—Czechoslovakia
Meetings of friends. I. Vanina, Mysterstvo no. 3:3-5 My-Je '68.
Warm family. V. Kharchenko, Mysterstvo no. 3:3 My-Je '68.

792(471.54)—Sverdlovsk Province
Two from Sverdlovsk. I. Zetol', Sov. muz. 31 no. 8:88-91 Ag '67.

792(474.2)—Estonian S. S. R.
Open the score. D. Romadinova, Sov. muz. 31 no. 8:82-72 Ag '67.

792(474.5)—Lithuanian S. S. R.
The triumph of people of common views. D. Pallonyte, Sov. muz. 32 no. 2:53-57 F '68.

792(476)—White Russian S. S. R.
"Prodawn lights." S. Pavlehin, Sov. muz. 32 no. 2:48-53 F '68.

792(477)—Ukrainian S. S. R.
Meetings of friends. I. Vanina, Mysterstvo no. 3:3-5 My-Je '68.
Serious problems of the "light genre." IU. Stanishvskiy, Mysterstvo no. 3:25-27 My-Je '68.

792(477.8)—Western Ukraine
Creative reports. IU. Bohdashvskiy, Mysterstvo no. 3:11-12 My-Je '68.

792(571.50)—Yakut A. S. S. R.
A new Yakut opera. S. Riaturov, Sov. muz. 31 no. 10:25-29 O '67.

792(575.3)—Tajik S. S. R.
A new Tajik opera. S. Riaturov, Sov. muz. 32 no. 1:30-33 Ja '68.

792(575.4)—Turkmen S. S. R.
An affirmation of the new life. V. Vinogradov, Sov. muz. 31 no. 8:11-14 Ag '67.

792(73)—United States of America
Zlobin, G. P. [Contemporary drama of the U. S. A. [A critical stretch of the postwar 20 years]] Sovremen-naia dramaturgiia SSHA. (Kritich. ocherk poslevoen. dvadtsatiletia). Izd. 2-e, dop. Moskva, "Vyssh. shkola," 1968, 148 p. (Sov. em. razubozhnaia literatura).

796 Sport Games. Athletics
An analysis of the training of leading ski racers for participation in the Tenth Winter Olympic Games. I. G. Ogol'tsov, Teor. i prak. fiz. kul't. 31 no. 7:32-37 Ja '68.
Brief news. Teor. i prak. fiz. kul't. 31 no. 3:75-80 Mi '68.
Characteristics of higher nervous function in young swimmers. A. A. Guzhakovskii, Teor. i prak. fiz. kul't. 31 no. 7:39-41 Ji '68.
Characteristics of the running style of skaters over a 500-meter distance. G. K. Podar', Teor. i prak. fiz. kul't. 31 no. 2:25-29 F '68.
Combined departments of sport training in institutions of higher education. A. V. Mal'tsev, Teor. i prak. fiz. kul't. 31 no. 3:51-53 Mr '68.
Contraindications to exercises in water sports in case of the diseases of the upper respiratory tract and the organs of hearing. A. M. Levando, G. A. Levando, Teor. i prak. fiz. kul't. 31 no. 7:69-71 Ji '68.
Current problems concerning the scientific theory of physical education and sport. N. V. Zimkin, Teor. i prak. fiz. kul't. 31 no. 7:37-39 Ji '68.
The development of muscle endurance in female ski racers during the basic period of their training. N. G. Trushkina, Teor. i prak. fiz. kul't. 31 no. 2:17-20 F '68.
Distribution of the bicycle racers' energy in the course of a 100-kilo-meter distance. N. I. Lashchenko, E. P. Boechin, Teor. i prak. fiz. kul't. 31 no. 7:21-23 Ji '68.
Dynamic characteristics of turns on skis. A. F. Lisovskii, M. A. Brodskii, Teor. i prak. fiz. kul't. 31 no. 2:8-12 F '68.
A dynamic study of correlation between aerobic capability and the structure of the body in boys. S. Spivnaya, J. Pafiskova, Teor. i prak. fiz. kul't. 31 no. 3:70-73 Mr '68.
Dynamics of attention in ski racers during the sport contests. A. P. Pavlovitsyn, Teor. i prak. fiz. kul't. 31 no. 2:21-24 F '68.
Each student should be a researcher. B. I. Butenko, Teor. i prak. fiz. kul't. 31 no. 3:84-85 Mr '68.
Effect of physical training on the activity of the chlorinase of the skiers' blood. I. D. Kostunin, Teor. i prak. fiz. kul't. 31 no. 3:42-44 Mr '68.
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18-06 '67

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Vop. ist KPSS no. 9 30-40 S '68.

The October Revolution in Azerbaijan I Guseinov.
Izv. AN Azerb. SSR. Ser. 1st., filios. 1 prava no. 3/4
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947,084(479, 25)—Armenian S. S. R.

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947,084(571, 12)—Tyumen' Province

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Government, (1917-1929). A collection of documentary
materials] Boi'ba za vlast' Sovetov v Tobol'skol
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947,084(574)—Kazakh S. S. R.

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no. 1-103-105 Ja '68.

AUXILIARY CLASS BY PLACE

(161) New states

see under the following number 327

(177) Undeveloped and underdeveloped areas

see under the following numbers: 30 02; 300.44;
300.45; 312; 329.05; 330.2; 336; 336.42;
338; 338.1; 351; 361

(211) Cold, frigid regions

see under the following numbers 631.5, 635.1

(234) Mountains of Europe

see under the following numbers 549, 551.7,
553

(235) Mountains of Asia

see under the following numbers. 550.3; 551.3,
551.7

(26) Oceans, Seas

see under the following number 622.2

(261) Atlantic Ocean

see under the following numbers 507, 650.6

(261.3) Baltic Sea, with Gulfs

see under the following number 650.6

(262.5) Black Sea

see under the following numbers 577.4; 911

(265) Pacific Ocean

see under the following numbers 550.3, 551.2,
555, 910

(267.5) Red Sea

see under the following number 627.3

(268) Arctic Ocean

see under the following numbers. 502, 599, 622.3,
650.6

(282.2) Rivers

see under the following number: 627.1

(282.24) European rivers

see under the following numbers 581.6; 911

(282.25) Asian rivers

see under the following number 551.3

(285) Lakes, ponds, etc.

see under the following numbers 551.3, 551.4;
551.48; 576.8, 581.5; 582.2

(4'9.103) Communist countries of the world

see under the following numbers: 30.02, 31;
327, 329.04, 330.2, 331, 331.2, 331.07,
338; 380.11, 382, 608, 930

(4'9.104) Capitalist countries of the world

see under the following numbers 100, 26, 30.07,
301, 32, 323.1, 323.2, 327, 330.2, 331.2;
331.6, 331.8, 336.1, 336.45, 336.46, 336,
336.5, 336.6, 34, 341.1, 341.2; 342; 343,
351.74, 351.85, 355; 356.2, 362, 616.089,
616.1; 621.039, 622, 651, 656.6, 660; 7.0,
930, 930.2, 940.53

(4) Europe

see under the following numbers. 28, 63; 631.4,
631.6; 910; 930, 931; 94, 940.53

(4 0) European capitalist countries

see under the following numbers: 30.07, 323,
323.2; 325, 341.2

(41) United Kingdom and Northern Ireland

see under the following numbers 28, 323.2; 327,
329.1; 338.9, 382; 624.1, 626.8; 654.1; 677,
7.05, 940.53

(42) Ireland (Eire)

see under the following number. 94

(430) Germany

see under the following numbers: 323.2, 329.04;
331, 343, 355.02; 43; 78, 94; 940.53

(431) German Democratic Republic

see under the following numbers: 05, 07; 32;
329.06, 331.8; 342, 372.364, 373.6; 378,
616.2, 616.98, 655, 681.1, 684; 72; 725.4;
778.5; 796, 930.25

(433) Federal Republic of Germany

see under the following numbers. 01, 07, 167,
28, 323, 323.15; 327; 329.1, 329.4; 336,
343, 347.4, 355; 355.2; 37; 501, 62, 624.1;
910, 930

(436) Austria

see under the following numbers 07, 24, 341.2,
342; 622.3, 94

(437) Czechoslovakia

see under the following numbers 05, 28; 323,
323.2, 327; 329.05; 338; 341.2, 37, 378;
39; 621.791, 622.3; 657; 681.1; 7.05, 741,
792; 796; 811, 930.25; 94

(438) Poland

see under the following numbers. 02, 323.15;
329.06; 330.2, 333; 35.08, 37; 373.6; 39;
621.791; 622.2, 622.3; 624.1; 629.12; 650.1,
689, 617, 69.05, 725.4; 910; 930, 930.25; 94;
940.53

(439) Hungary

see under the following numbers: 01, 02; 05;
329.04, 330.115; 330.19; 338, 338.98; 380.13,
621; 711.4; 78; 94

(44) France

see under the following numbers: 07; 323, 323.1;
323.15; 323.2, 327; 329.06, 331, 331.1;
331.6, 336.1; 34; 340.80; 351.83; 361; 378,
39; 44, 629.115; 656.08; 7.0; 78, 910,
940.53

(45) Italy

see under the following numbers: 05; 07; 18, 01;
323; 323.2; 664.0; 7.05; 791.4; 810; 930;
930.25; 94; 940.53

(460) Spain

see under the following numbers 78; 79, 94

(468.2) Gibraltar

see under the following number. 324

(469) Portugal

see under the following numbers 325, 351.74; 94

(470) European U. S. S. R.

see under the following numbers 551.2, 551.4,
551.7, 551.8, 571, 631.8, 633

(471) Russian Soviet Federated Socialist Republic (R. S. F. S. R.)

see under the following numbers: 669, 342; 351,
351.62, 352, 373, 373.6, 551.3, 62, 63; 52,
634.0; 634.1, 930.25

(471.1) Northern R. S. F. S. R.

see under the following numbers 371.8, 398,
551.44, 553, 911; 912, 930.2, 930.28

(471.11) Archangel Province

see under the following numbers 676, 910

(471.111) Nenets National District

see under the following number 551.4

(471.12) Vologda Province

see under the following numbers: 326; 329.01,
336.1; 658.5, 669.1, 930.2

(471.13) Komi A. S. S. R.

see under the following numbers 39, 622.2, 622.3,
631.5, 635.1

(471.2) Northwestern R. S. F. S. R.

see under the following number 930.26

(471.21) Murmansk Province

see under the following numbers. 553; 624.1,
627.8, 711.4; 940.53

(471.22) Karelian A. S. S. R.

see under the following number 623.6

(471.23) Leningrad Province

see under the following numbers 329.02; 571,
581.2; 582.2, 598.2, 610.9; 621.311; 623.6;
629.12, 631.3, 631.4, 633.2, 634.0; 69;
711.3; 712 930.26; 947.084

(471.232) Leningrad City

see under the following numbers 069, 07; 329.01;
331, 331.8; 362.6; 371.1; 378; 41, 621;
624.2; 69; 664.1; 69; 72; 725.8, 727, 78,
930.26; 940.53

(471.24) Novgorod Province

see under the following numbers 571; 947

(471.25) Pskov Province

see under the following number 910

(471.31) Central industrial regions

see under the following numbers 551.48; 551.9

(471.310) Moscow City

see under the following numbers 28; 312; 321,
329.01; 329.02, 331; 351; 371.7; 373.6; 378,
613; 620.113; 624; 624.1, 655, 657; 658.1;
664.1, 685, 69; 711.4; 725; 725.2, 725.5;
940.53

(471.311) Moscow Province

see under the following numbers 373.6, 374; 378,
551.5; 581; 621.311, 621.6, 622.3, 631.1;
630.09; 637; 657; 658.8; 66, 677; 940.63

(471.312) Tula Province

see under the following numbers. 657; 69; 683.8,
947.084

(471.313) Rязan Province

see under the following number 97

(471.314) Vladimir Province

see under the following numbers: 329.01, 336.1;
339; 631, 631.1; 669.1, 677; 910

(471.315) Ivanovo Province

see under the following number: 378

(471.316) Yaroslavl Province
see under the following numbers: 02; 05, 060, 08; 482, 502.7; 551.3; 551.5; 551.8, 597, 711.4, 738; 910, 930.2, 947

(471.317) Kostroma Province
see under the following number: 551.40

(471.318) Kaluga Province
see under the following numbers: 01; 312, 338.1, 373.68; 636.4

(471.321) Orel Province
see under the following number: 547

(471.322) Lipetsk Province
see under the following numbers: 331.861, 658.5, 659.1

(471.323) Kursk Province
see under the following numbers: 02; 329.01; 374, 591, 591.5, 626.8; 66, 940.53

(471.324) Voronezh Province
see under the following numbers: 338.1, 374; 621.80, 625.2, 629.113; 656.1, 658.5; 664.7, 691.3, 7.05, 940.53

(471.325) Belgorod Province
see under the following numbers: 553; 582.4; 940.53

(471.326) Tambov Province
see under the following number: 07

(471.327) Penza Province
see under the following numbers: 331.8; 338.1

(471.328) Mordvin A. S. S. R.
see under the following number: 60.05

(471.33) Western R. S. F. S. R.
see under the following number: 338.1

(471.331) Kalinin Province
see under the following numbers: 07; 28; 308, 31; 338; 37, 621.311; 711.4

(471.332) Smolensk Province
see under the following numbers: 308; 626.8, 78

(471.333) Bryansk Province
see under the following numbers: 631.8; 634.0; 940.53

(471.341) Gorkiy Province
see under the following numbers: 02, 028; 627.8; 631.3; 664.6

(471.342) Kirov Province
see under the following numbers: 028; 331.8; 331.881; 338.1; 634.0; 674

(471.343) Mari A. S. S. R.
see under the following number: 391

(471.344) Chuvash A. S. S. R.
see under the following numbers: 571; 625.7; 930.20

(471.4) Central and Lower Volga regions
see under the following numbers: 323.3; 571, 622.3; 930.20; 947

(471.41) Tatar A. S. S. R.
see under the following numbers: 01; 30.1; 301; 37; 378, 61; 622.2; 658.5

(471.43) Kuybyshev Province
see under the following numbers: 02; 028; 331.1; 37; 621.311; 622.2; 631.3; 634.0; 657

(471.44) Saratov Province
see under the following numbers: 373.8, 374, 381, 621.311, 625, 657, 930.25

(471.45) Volgograd Province
see under the following numbers: 320.01, 373.68, 551.7, 631, 658.3, 664.6; 910.53

(471.46) Astrakhan Province
see under the following numbers: 331.881, 572; 930.26

(471.5) Ural regions
see under the following numbers: 308, 331.3, 338.4, 338.91; 338.98; 551.2, 551.1, 551.7, 552, 621, 621.791, 622.3, 658.3, 658.5, 68, 930; 947

(471.51) Udmurt A. S. S. R.
see under the following number: 308

(471.52) Bashkir A. S. S. R.
see under the following numbers: 374, 622.2, 622.3, 623.9, 631.3, 659, 947

(471.53) Perm Province
see under the following numbers: 621.311, 622.2

(471.54) Sverdlovsk Province
see under the following numbers: 215; 30.07; 331; 331.881, 338.1; 362, 370.17, 371.1; 380.1; 381.5; 550.6, 581.2, 622.2; 622.3, 622.7; 63; 631.1, 631.3; 642, 657; 658.1; 681.2, 7.05; 782

(471.55) Chelyabinsk Province
see under the following numbers: 330.1, 37, 370.17, 373.8, 621.77; 622.2, 622.3, 654.1; 658.5; 669.1

(471.56) Orenburg Province
see under the following numbers: 37, 622.3; 655; 657; 658.1, 665.5, 678

(471.6) Northern Caucasus
see under the following numbers: 30, 571; 581.1, 621.0; 627.8, 631.1; 911, 930.20, 940.53

(471.61) Rostov Province
see under the following numbers: 07, 331.8; 331.881; 336.41; 551.2; 625.1, 631.4; 657, 68; 664.3, 666.1, 725.2

(471.62) Krasnodar Territory
see under the following numbers: 323.15; 331.07, 338.1; 362.1, 41; 551.4; 622.3, 624.1; 629, 128; 658.8; 658.5, 664.7; 947

(471.63) Stavropol Territory
see under the following numbers: 02; 028, 362.1, 37; 551.14, 551.5, 610.69, 621.39, 621.5; 622.2; 622.3, 626.8; 631.8; 632.0; 633; 658.8, 664.7

(471.632) Karachay-Cherkess Autonomous Province
see under the following numbers: 02; 028

(471.64) Kabardino-Balkar A. S. S. R.
see under the following numbers: 02; 622.8; 711.4

(471.65) North Ossetian A. S. S. R.
see under the following numbers: 37; 657

(471.66) Chechen-Ingush A. S. S. R.
see under the following numbers: 028; 07; 338.1; 390; 621.36, 622.2; 622.3, 650.1

(471.67) Dagestan A. S. S. R.
see under the following numbers: 302; 621.311; 624.1; 631.4; 634.1, 658.3; 69

(474.2) Estonian S. S. R.
see under the following numbers: 07; 338.1; 37; 572, 62; 622.3; 631.3, 631.6; 654.1; 791; 792; 910

(474.3) Latvian S. S. R.
see under the following numbers: 37, 373.6, 381.5; 621.5, 626.8, 631.5, 631.6, 632.9, 636.08; 636.4, 656.6, 657, 664; 687, 78, 930.25

(474.5) Lithuanian S. S. R.
see under the following numbers: 02, 07, 373, 551.3, 631.3, 670, 72, 725, 78, 791, 792, 930.26, 931

(476) White Russian S. S. R.
see under the following numbers: 06 07, 07, 28, 30 07, 312, 325, 320.01, 330.10, 331.8, 338, 338.1, 37, 370.17, 373.6, 374, 378, 39, 392, 393, 398; 551.3, 551.4; 571, 61, 62, 621, 621.82, 621.9, 623.6, 625.7, 626.8, 63, 631.1; 631.3, 631.4; 631.6, 634.0, 636.08, 64, 65 01, 658.2, 658, 658.3; 658.5, 664, 67/68, 677, 68, 681.1; 685, 69, 7 04, 78, 792, 930.25, 930.26, 940.53

(477) Ukrainian S. S. R.
see under the following numbers: 028, 03, 65; 66.07, 069; 07, 300.1, 308, 31, 312, 323.1, 323.3; 329.01; 329.02, 329.04, 331; 331.1, 331.7; 331.881; 334; 338, 338.1; 338.4, 338.9, 34, 340.06; 343.8, 347.9, 347.983, 347.996, 351.83, 351.85, 352, 362, 367; 370.17, 371.6, 372; 373.6; 373.68; 374, 378, 39, 398, 502.7; 550.3; 551.2, 553, 553.9, 571, 581.2; 582.2, 583, 62, 621; 621.311, 621.394, 621.395, 621.5, 621.791, 621.87, 622, 622.2, 622.3, 622.5, 623.1, 623.6, 624.1, 625.7, 626.8; 627.8; 628.3, 63; 631.3; 631.8, 632, 633, 634.0, 635.1; 635.6, 636, 65.01; 654, 654.1, 655; 656.1; 657, 658, 658.1, 658.3, 658.5; 66; 662.0, 662.7; 663, 664.1; 664.6, 664.7; 664.8; 669.1, 674, 676, 677; 687, 690.6; 7 04; 711.3; 725.4, 73; 738, 75; 778.5, 78; 78, 791.4; 792, 796, 811, 930, 930.25; 930.26, 931; 940.53, 947.084

(477.6) Donetsk Basin
see under the following numbers: 329.02, 329.04, 347.903; 352, 571; 614.2, 621, 621.311, 621.39; 622; 622.2, 622.3, 622.4, 622.7; 622.8, 627.2, 658.3, 658.5; 681.1, 725.4, 79, 930.26; 94, 940.53

(477.8) Western Ukraine
see under the following numbers: 06 09; 07, 262, 313, 324, 329.01; 329.02, 329.04, 331.8, 343.8, 343.915, 347.903, 355.2; 367, 370.17, 39; 398, 540.53; 562, 571; 617.7, 622.3, 656.7, 675; 687, 728, 745; 746, 792; 940.53; 947

(477.88) Transcarpathia
see under the following numbers: 28, 329.04, 338.1, 578.0; 634.0, 947

(477.9) Crimea
see under the following numbers: 352, 551.2; 561.1, 581.2; 561.4; 615.8, 627.9; 631.9, 633; 634.1; 630.26; 930.27, 940.53, 947.084

(478) Moldavian S. S. R.
see under the following numbers: 371.8; 378; 491, 501; 631.4; 631.5, 634.0; 657; 664.8, 70

(479) Caucasus and Transcaucasia
see under the following numbers: 308, 320.02, 326.04; 39; 551.40; 552, 947.084

(479.22) Georgian S. S. R.
see under the following numbers: 308, 331, 37, 560.34, 551.3; 631.6; 632; 664.7; 677; 711.4, 78; 796, 930.27; 931

(479.224) Abkhaz A. S. S. R.
see under the following numbers: 581.1, 631.52; 635.1

(479.24) Azerbaijan S. S. R.
see under the following numbers: 02, 07; 100, 18.01; 300.1; 300.11, 300.12; 327, 329.01, 329.02, 331; 331.3, 331.6, 331.881; 333; 34, 351.85, 351.8; 352; 359; 37, 39; 551.3, 551.7, 552; 553.9; 562; 571, 572, 622.2; 622.3; 631.8; 631.9; 632.05; 634.0; 635.6, 638.08; 656.5; 656.1; 658.5; 659; 664.6, 665.8, 711.4; 72.03; 78; 930.20, 940.53, 947, 947.084

- (479.243) Nagorno Karabakh Autonomous Province
see under the following number: 636, 1
- (479.25) Armenian S. S. R.
see under the following numbers: 09, 301, 323, 3, 39, 392, 551, 552, 553, 571, 577, 4, 636, 08, 72, 03, 75, 78, 930, 25, 930, 26, 931, 947, 084
- (480) Finland
see under the following numbers: 07, 24, 28, 338, 39, 625, 72; 94
- (481) Norway
see under the following numbers: 791, 910
- (485) Sweden
see under the following numbers: 324, 612, 632, 0, 634, 0, 795, 930, 25
- (492) Netherlands
see under the following number: 75
- (493) Belgium
see under the following number: 320, 06
- (494) Switzerland
see under the following numbers: 678, 78
- (495) Greece
see under the following numbers: 333, 336, 46; 338; 378, 78, 930, 26, 930, 27, 931, 04
- (496) European communist countries as a group
see under the following numbers: 32, 327, 329, 06, 330, 2; 308, 7, 0, 930, 94
- (497.1) Yugoslavia
see under the following numbers: 664, 0, 911, 94, 940, 53
- (497.2) Bulgaria
see under the following numbers: 02, 07, 28, 300, 2, 327, 329, 06, 330, 2, 338, 1, 341, 2, 351, 85, 370, 17, 551, 621, 311, 626, 8, 66, 664, 7, 664, 8, 669, 725, 9; 78; 910, 930, 26, 94, 940, 53
- (498) Rumania
see under the following numbers: 01, 05, 28; 330, 19, 62; 637; 78, 94, 940, 53
- (5) Asia
see under the following numbers: 308, 323, 333, 341, 1; 347, 77, 355, 7, 382, 80, 930, 94
- (51) China
see under the following numbers: 323, 323, 15, 323, 2; 323, 33, 327, 329, 06, 331, 881, 334, 336, 338, 6, 30, 338, 83, 930, 27
- (519) Korea
see under the following numbers: 09, 75
- (519.3) Mongolian People's Republic
see under the following numbers: 551; 78; 911
- (52) Japan
see under the following numbers: 323, 2; 329, 06; 329, 14; 331, 881; 334, 338, 5; 340, 96; 341, 2; 382; 63; 633; 656, 1; 662, 7, 930, 930, 1; 94
- (534.5) Aden
see under the following number: 94
- (539) Arab countries as a bloc
see under the following number: 327
- (540) India
see under the following numbers: 10; 338, 98; 398; 571; 618, 9; 662, 7; 78; 930, 26; 931; 94
- (541.33) Sikkim
see under the following numbers: 308; 398
- (541.35) Nepal
see under the following number: 626, 7
- (549) Pakistan
see under the following numbers: 312, 339, 35, 08, 614
- (55) Iran
see under the following numbers: 09, 308, 323, 2, 329, 14, 330, 2, 910
- (56) Near East
see under the following numbers: 32, 302, 665, 5; 931; 94
- (560) Turkey
see under the following numbers: 29, 327, 378, 94
- (564.3) Cyprus
see under the following numbers: 28, 323, 327, 910
- (567) Iraq
see under the following number: 07
- (569.1) Syria
see under the following numbers: 550, 8; 930, 26
- (569.3) Lebanon
see under the following number: 28
- (569.4) Israel
see under the following numbers: 327; 355, 4, 63, 911
- (569.5) Jordan
see under the following numbers: 325; 338
- (57) Asiatic U. S. S. R.
see under the following numbers: 338, 91, 39, 610, 94
- (571) Asiatic R. S. F. S. R.
see under the following numbers: 01, 02; 329, 02; 338, 1, 338, 4, 338, 9, 351, 85; 37; 550, 4, 550, 8, 551, 2, 551, 48; 551, 5, 551, 8, 552; 553, 571, 621, 8; 621, 87, 622, 3; 624, 1, 632, 95; 633; 725, 4, 728, 910, 930, 25; 930, 26, 947, 947, 084
- (571.11) Kurgan Province
see under the following number: 631, 3
- (571.12) Tyumen' Province
see under the following numbers: 621, 0; 622, 2, 622, 3; 658, 5; 947, 084
- (571.121) Yamal-Nenets National District
see under the following number: 553, 9
- (571.13) Omsk Province
see under the following numbers: 028; 658, 5; 665, 5
- (571.14) Novosibirsk Province
see under the following numbers: 02; 329, 01; 338, 1; 370, 17; 371, 1; 373, 6; 621, 311; 624, 1, 658, 5; 711, 1
- (571.15) Altai Territory
see under the following numbers: 329, 01; 553; 631, 1; 631, 1; 631, 52; 633; 657, 004, 0
- (571.151) Gorno-Altai Autonomous Province
see under the following number: 552
- (571.16) Tomsk Province
see under the following numbers: 331, 881, 622, 3
- (571.17) Kemerovo Province
see under the following numbers: 331, 8; 56; 621, 77; 622, 2; 622, 3; 622, 7; 622, 8; 625, 1, 669, 1; 69, 711, 4
- (571.51) Krasnoyarsk Territory
see under the following numbers: 376, 550, 4, 551, 2, 551, 40, 553, 9, 621, 311, 622, 3; 620, 13, 631, 4, 634, 0, 650, 1, 69
- (571.511) Taymyr National District
see under the following numbers: 331, 553; 576, 9, 657, 669, 2
- (571.512) Evenki National District
see under the following numbers: 501, 0, 505
- (571.53) Irkutsk Province
see under the following numbers: 07, 331, 1; 39, 392, 551, 2, 553, 9, 576, 8; 581, 5, 626, 8, 632, 0, 676
- (571.54) Buryat A. S. S. R.
see under the following numbers: 592; 711, 4, 910
- (571.55) Chita Province
see under the following number: 07
- (571.59) Yakut A. S. S. R.
see under the following numbers: 351, 0, 550, 4, 551, 43, 551, 48; 551, 7, 553, 553, 9; 561, 581, 4, 581, 9; 62, 631, 4, 702, 910, 911
- (571.6) Soviet Far East
see under the following numbers: 02, 551, 7
- (571.61) Amur Province
see under the following numbers: 551, 48, 631, 8, 633
- (571.62) Khabarovsk Territory
see under the following numbers: 551, 7; 634, 0
- (571.63) Maritime Territory
see under the following numbers: 300; 370, 17; 618, 0; 911; 947
- (571.64) Sakhalin Province
see under the following numbers: 551, 2, 577, 4, 622, 3
- (571.65) Magadan Province
see under the following numbers: 631, 5, 635, 1, 657, 711, 3
- (571.651) Chukchi National District
see under the following number: 551, 7
- (571.66) Kamchatka Province
see under the following numbers: 343, 0, 634, 0
- (574) Kazakh S. S. R.
see under the following numbers: 02; 028, 07; 167, 329, 01; 331, 1; 331, 681; 336, 1; 338, 1; 34; 351, 82; 351, 9, 37; 370, 17; 373, 0; 39, 398; 482; 000, 612; 615; 610, 3; 621; 621, 0, 622, 3, 622, 4; 624; 625, 7; 631; 632, 0; 633; 634, 0; 636, 08, 636, 3; 637, 655, 662, 9; 664, 7; 666, 7, 669, 1, 677; 7, 0; 78; 911; 930; 947, 947, 084
- (575) Central Asia
see under the following numbers: 329, 02; 39, 398, 551, 3; 551, 4, 595; 631, 3, 631, 4, 631, 5, 631, 0; 634, 0; 7, 0, 75, 911; 930, 26; 931; 94; 947
- (575.1) Uzbek S. S. R.
see under the following numbers: 02; 331, 8; 331, 07, 351, 74; 37; 550, 8; 551, 7; 561, 0; 568; 598, 2, 621, 311; 622, 3, 620, 0; 631, 0, 631, 8; 633; 634, 0; 661, 7; 664, 7; 664, 8; 677; 7, 0, 711, 4; 725, 3, 78, 791
- (575.2) Kirghiz S. S. R.
see under the following numbers: 02; 329, 01; 37; 494, 1, 551, 7; 634, 1; 72; 76; 911; 947
- (575.3) Tajik S. S. R.
see under the following numbers: 07; 31; 318, 331; 39; 543, 3; 561; 574; 581, 0, 622, 2; 622, 3; 626, 8; 627, 8; 664, 7, 677; 791; 792

- (575 4) **Turkmen S. S. R.**
see under the following numbers 546 2, 552, 581 1, 592, 617 7, 622 2, 631 52, 633, 665 5, 7 0, 72 03, 791, 792, 930 26
- (581) **Afghanistan**
see under the following numbers 372, 633, 726, 94
- (591) **Burma**
see under the following number 94
- (595) **Malay Federation**
see under the following numbers 323, 327; 331.2; 331.6, 331.891, 382, 398; 651
- (596) **Cambodia**
see under the following numbers 327, 330.19, 336, 338
- (597) **Vietnam**
see under the following numbers 32, 327, 355 4
- (597 3) **South Vietnam**
see under the following numbers 07; 32, 323.2, 327
- (597 7) **North Vietnam**
see under the following numbers 01, 07; 308; 341.2; 355.4, 362.1, 378; 550.34, 576.8; 61, 631.5, 635.6
- (598) **Laos**
see under the following numbers 323, 327
- (6) **Africa**
see under the following numbers 01; 05, 308, 323.1, 326, 329, 330.10; 331.881, 333; 34, 341.1, 347.77, 37, 392, 655, 930
- (62) **Northeast Africa, Egypt and Sudan**
see under the following numbers 323, 324, 338, 382, 627.8, 7.0, 930.26, 931
- (64) **Morocco and Northwest African territories**
see under the following numbers 308, 910
- (65) **Algeria**
see under the following number 026 8
- (68) **West and North Central Africa**
see under the following numbers 308, 323, 323 2, 323 3, 334, 338, 338 9, 338 98; 342, 35 08, 355 2, 37, 371 1; 382, 39, 398, 650 6, 656 635, 72 03; 73; 75, 910, 929 9, 930 26
- (67) **Equatorial, South Central and East Africa**
see under the following numbers 338, 323, 330.10; 355.02, 39, 910
- (68) **Southern Africa (including Rhodesia)**
see under the following numbers 300 11, 308, 323, 323 1, 323.2; 327, 329 06; 330.19, 338, 35 08, 355 5; 37, 382, 910
- (69) **Islands around Africa**
see under the following number 308
- (7) **North America**
see under the following numbers 572, 622.3, 625.7, 651.4, 631.52, 633
- (71) **Canada**
see under the following number 633; 728
- (72) **Mexico**
see under the following numbers 327; 329.06, 706, 910
- (728) **Central America**
see under the following numbers 07, 330 2, 35 08, 581.5
- (729) **West Indies**
see under the following numbers 308; 323.1
- (729 1) **Cuba**
see under the following numbers 37, 595, 631.52, 635.1, 78; 94
- (73) **United States of America**
see under the following numbers 05, 07, 10, 30.1, 301; 308, 312, 32, 323, 323 1, 323 2; 323.3, 324, 327, 330.2, 331.891, 336 48, 338 1; 338.67, 339, 341 2, 343, 351, 351 74, 355, 355 02, 355 4, 355 5, 37; 528; 621.395, 621 5, 629 113, 629 127, 654 1, 665 5, 670; 681 1, 792; 796; 830, 930 25; 94, 940.53
- (8) **South America**
see under the following numbers 67; 28, 323, 323 1, 325 2, 330 19, 330 2, 35 08, 382, 572; 622 3, 910, 91
- (810) **Indonesia**
see under the following numbers 323; 329.06; 338; 343
- (914) **Philippines (Republic)**
see under the following numbers 17; 308; 323.2, 327, 94
- (93) **Australasia generally, Melanesia**
see under the following numbers 30, 910
- (94) **Australia (Commonwealth)**
see under the following numbers 623.3, 624.2
- (98) **Arctic and North Polar regions**
see under the following number 355.6
- (99) **Antarctica, South Polar regions**
see under the following numbers 651.46, 910

PART D

Books on Russia and the Soviet Union, or by Russian and Soviet authors, in English or in the major Western European languages (French, German, Italian, Spanish) recently cataloged by the Library of Congress.

3. PHILOSOPHY & RELIGION

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vii, 229 p. 21 cm. (The Russian series, v. 15) Translation of Konstantin Leont'ev
B4249, L44B42 1988 68-56360

FRANK, SEMEN LIUDVIG VICH, 1877-1950.
Die russische Weltanschauung. (2., erg. Aufl. Unveränderter reprografischer Nachdruck der 1. Aufl. Berlin 1926. Mit einem Vorwort und eine bibliographischen Nachlese von Dmitrii Tschizewskij.) Sonderausg. Darmstadt, Wissenschaftliche Buchgesellschaft, 1967. 50 p. 19 cm. (Philosophische Vorträge, veröffentlicht von der Kant-Gesellschaft, Nr. 29)
B4231, F75 1967 68-140314

KUMPE, FRITZ.
Probleme der Dialektik in Lenins Imperialismus-Analyse. Eine Studie zur dialektischen Logik. Berlin, Deutscher Verlag der Wissenschaften, 1968. 212 p. 21 cm
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Karl Marx und die Ästhetik [Von] Mikhail Lifshitz. (2., verb. Aufl.) Dresden, Verlag der Kunst (1967). 179 p. 19 cm. (Fundus-Bücher, 3) Translation of *Voprosy iskusstva i filosofii*.
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4. HISTORY

ALMEDINGEN, MARTHA EDITH, 1898-
The retreat from Moscow [by] E. M. Almedingen. Illustrated by Sheila Bewley. New York, F. Warne [1968] 91 p. 21 cm.
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DEUTSCHER, ISAAC, 1907-1967.
Die unvollendete Revolution 1917-1967. Anhang: Der Verlauf der Revolution 1917 (Aus dem Englischen von Harry Maer.) (Frankfurt a. M.) Europäische Verlaganstalt (1967). 188 p. 21 cm. Translation of *The unfinished revolution Russia 1917-1967*.
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Tagebuch der Reise nach Russland. Hrsg. und eingeleitet von Gerhard Korb. Übers. und mit Anmerkungen versehen von Edmund Leingärtner. (Lateinische Ausg. erschienen um 1700, Wien.) [Illustriert.] Graz, Akademische Druck- u. Verlagsanstalt, 1968. 285 p. 18 cm. Translation of *Diarium itineris in Moscoviam*.
DK22, K615 68-140194

KURELLA, ALFRED, 1895-
Unterwegs zu Lenin; Erinnerungen. [Berlin] Verlag Neues Leben [1967] 159 p. 22 cm.
DK254, L42K8 68-139368

TOMIN, VALENTIN ROMANOVICH.

Die Helden der Berliner Illegalität. Reportage über den gemeinsamen Kampf deutscher und sowjetischer Antifaschisten. [Von] Valentin Tomin [und] Stefan Grabowski. (Aus dem Russischen) Übers. von Gerhart Hass. Mit 32 Bildseiten.) Berlin, Dietz, 1967. 174 p. 20 cm. Translation of *Po slednim geroyev berliinskogo podpol'ia*.
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La statistique soviétique [par] Anatole Ejov. Moscow, "Progrès," [1967]. 391 p. 18 cm. Translation of *Organizatsia statistiki v SSSR*.
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MARGOLIN, IULII BORISOVICH, 1900-
Überleben ist alles. Aufzeichnungen aus sowjetischen Lagern. [Von] Julius Margolin. (Aus dem russischen Original übertragen von Vera Piroshkova.) München, J. Pfeiffer (1965). 438 p. 21 cm. Translation of *Puteshestvie v stranu zo-lu*.
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METT, IDA.
I contadini russi 50 anni dopo. Prefazione di Leo Paladini. Milano, Azione Comune, 1967. 115 p. 21 cm.
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My life in the Russian theatre [by] Vladimir Nemirovich-Danchenko. Translated by John Cournos. With an introd. by Joshua Logan. A foreword by Oliver M. Saylor and a chronology by Elizabeth Reynolds Hapgood. New York, Theatre Arts Books [1968] xxv, 365 p. 25 cm. Translation of *iz proshlogo*.
PN2728, N4A3 1968 67-18053

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FAVORSKII, VLADIMIR ANDREEVICH, 1886-1964.
Vladimir Favorsky. [Compiled and edited by Yu. I. Molok. Introd. by Mikhail Alpatov. Translated from the Russian by Avril Pymman. Moscow, Progress Publishers, 1967] 322 p. 26 cm.
NE678, F3M6 71-58

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NA1106, H27 68-130621

11. LANGUAGE, LITERATURE & FOLKLORE

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CHEKHOV, ANTON PAVLOVICH, 1860-1904.
Four plays. Translated and with a pref., after-words, and notes by Alex Szogyi. New York, Washington Square Press [1968] x, 288 p. 18 cm.
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Great short works by Fyodor Dostoevsky. With an introd. by Ronald Hingley. New York, Harper & Row [1968] xlii, 741 p. 18 cm.
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Der Mann mit dem Stern. [Von] Arkadi Gaidar. (Übersetzung aus dem Russischen von Max Hummel-tenberg. Hrsg. von Gerhard Holtz-Daumert.) [Illustrationen von Kurt Zimmermann. (2. Aufl.) Berlin, Kinderbuchverlag, (1968). 636 p. 25 cm.
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Shakespeare in the Soviet Union; a collection of articles. [Compiled by Roman Samarin and Aleksandr Nikolyukin. Translated from the Russian by Avril Pymman. Moscow, Progress Publishers, 1966] 274, [1] p. 21 cm.
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The cancer ward [by] Aleksandr I. Solzhenitsyn.
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19 cm. Translation of *Eesti NSV teatmik*.
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Pictures of the Estonian countryside [by] E. Mets.
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13. SCIENCE

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tung: Gerhard Heber.) Berlin, Deutscher Verlag der
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Order and disorder in the world of atoms [by] A. I.
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Mathematical models for the evaluation of electric
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E. K. Ivanov; English translation [from the Russian]
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17. MILITARY & NAVAL SCIENCES

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GUIDE TO SERIALS LISTED IN THE MONTHLY INDEX OF RUSSIAN ACCESSIONS
VOLUME 21, APRIL 1968-DECEMBER 1968

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- Moskovskoe matematicheskoe obshchestvo
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1967 v. 72, no. 5(43b) 6(1995a)
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- Mukomol'no-alevatornaiia promyshlennost'
1967 v. 33, no. 12(623b)
1968 v. 34, no. 1(894b) 2(1499b) 3(2047c) 4(1406b) 5(1708a)
- Munich. Ukrain'skii tekhnicheskii gosudarstvennyi institut.
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1967 no. 12(2310c)
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1966 no. 18(1745c)
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- Muzika
1968 no. 1-3(552b) 4-5(1118c) 6(1426b) 7(1703c) 8(1074b) 9(2201c)
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1967 v. 8, no. 9(1185a) 10(135c)
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1966 no. 30(1972a)

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1967 v. 11, no. 8(570c)
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1968 v. 11, no. 1-3(1121c) 4-5(1978b) 6-7(2267b)

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1967 v. 25, no. 1(557a) 12(21b)
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Narodnyi universitet Estestvenno-nauchnyi fakul'tet
1968 no. 6(2251b)

Narodnyi universitet: Fakul'tet literatury i iskusstva
1968 no. 1(547c) 2/3(1104c)

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1967 no. 11-12(269b)
1968 no. 2(1104a) 4(1688a) 5(1688a) 6(1959a)

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1967 no. 2(169c) 22(8a)
1968 no. 3(2253a)

Narodnyi universitet: Pedagogicheskii fakul'tet
1967 no. 12(269c)
1968 no. 4(2248c)

Narodnyi universitet: Sel'skokhoziaistvennyi fakul'tet
1967 no. 12(1696c)
1968 no. 1(1104b) 2(1110a)

Narodnyi universitet: Tekhniko-ekonomicheskii fakul'tet
1967 no. 8(3a) 12(3b)
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1967 no. 10(7a)

Narody Azii i Afriki, istoriia, ekonomika, kul'tura
1967 no. 8(265a)
1968 no. 1(824c) 2(1704c)

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1967 no. 9(608c)

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1968 no. 1-3(568c) 4-5(1130b) 6(1983a) 7-8(1711a)

Nash svi
1963 v. 4, no. 4(1124b)
1968 v. 11, no. 1(1124b) 3(1433b)

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1968 no. 1(1962a)

Nasha shkola
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1968 v. 25, no. 1(289b) 2-3(566b) 4(1124b) 6-7(1433b) 8(1708a)

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1968 v. 24, no. 200(94b) 262(636c) 263-264(1212a) 265(2004a) 266(1784c) 267(2064a) 268(2343a)

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1968 no. 1(305c)

Nauchno-issledovatel'skie trudy Moskovskogo vsesoiuznogo nauchno-issledovatel'skogo instituta plenochnykh materialov i iskusstvennoi kozhi see Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut plenochnykh materialov i iskusstvennoi kozhi. Nauchno-issledovatel'skie trudy

Nauchno-issledovatel'skie trudy Tsentral'nogo nauchno-issledovatel'skogo instituta shorstianoi promyshlennosti see Moscow, Tsentral'nyi nauchno-issledovatel'skii institut sherstianoi promyshlennosti. Nauchno-issledovatel'skie trudy

Nauchno-issledovatel'skii institut elektrofizicheskoi apparatury.
Elektrofizicheskaya apparatura
1968 no. 5(1191c)
1967 no. 6(889b)

Nauchno-issledovatel'skii institut poligraficheskogo mashinostroyeniia
Trudy
1966 no. 32(824a)

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1967 no. 2(70a) 3-4(70b) 5(231a) 10(70b)

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1968 no. 5(2311a)

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Nauchno-tekhnicheskii sbornik po dobyche nefti see Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut. Nauchno-tekhnicheskii sbornik po dobyche nefti

Nauchnye doklady vysshei shkoly see Russia (1923 - U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly

Nauchnye soobshcheniia Armianskogo nauchno-issledovatel'skogo instituta stroitel'nykh materialov i sooruzhenii see: Erivan, Armianskii nauchno-issledovatel'skii institut stroitel'nykh materialov i sooruzhenii. Nauchnye soobshcheniia

Nauchnye soobshcheniia Instituta gornogo dela imeni A. A. Skochinskogo see Moscow, Institut gornogo dela imeni A. A. Skochinskogo. Nauchnye soobshcheniia

Nauchnye soobshcheniia Vsesoiuznogo nauchno-issledovatel'skogo instituta tsementnoi promyshlennosti see Moscow, Gosudarstvennyi vsesoiuznyi nauchno-issledovatel'skii institut tsementnoi promyshlennosti. Nauchnye soobshcheniia.

Nauchnye trudy Akademii kommunal'nogo khoziaistva see Akademiia kommunal'nogo khoziaistva. Nauchnye trudy

Nauchnye trudy Dnepropetrovskogo instituta chornoj metalurgii see Dnepropetrovsk. Institut chornoj metalurgii. Nauchnye trudy

Nauchnye trudy Dnepropetrovskogo metallurgicheskogo instituta see Dnepropetrovsk. Metallurgicheskii institut. Nauchnye trudy.

Nauchnye trudy Karagandinskogo nauchno-issledovatel'skogo ugol'nogo instituta see Karaganda. Nauchno-issledovatel'skii ugol'nyi institut. Nauchnye trudy.

Nauchnye trudy Leningradskoi lesotekhnicheskoi akademii see Leningrad, Lesotekhnicheskaya akademiia. Nauchnye trudy

Nauchnye trudy Moskovskogo gornogo instituta see Moscow, Gornyi institut. Nauchnye trudy.

Nauchnye trudy Moskovskogo instituta inzhenerov zemleustroistva see Moscow, Institut inzhenerov zemleustroistva. Nauchnye trudy

Nauchnye trudy Moskovskogo instituta radioelektroniki i gornoj elektromekhaniki see Moscow, Institut radioelektroniki i gornoj elektromekhaniki. Nauchnye trudy

Nauchnye trudy Moskovskogo tekhnologicheskogo instituta legkoi promyshlennosti see Moscow, Tekhnologicheskii institut legkoi promyshlennosti. Nauchnye trudy

Nauchnye trudy Omskogo instituta inzhenerov zheleznodorozhnogo transporta see Omsk, Institut inzhenerov zheleznodorozhnogo transporta. Nauchnye trudy

Nauchnye trudy Omskogo meditsinskogo instituta see Omsk, Meditsinskii institut. Nauchnye trudy

Nauchnye trudy Tashkentskogo gosudarstvennogo universiteta see Tashkent, Universitet. Nauchnye trudy

Nauchnye trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta gidrotekhniki i melioratsii see Moscow, vsesoiuznyi nauchno-issledovatel'skii institut gidrotekhniki i melioratsii. Nauchnye trudy

Nauchnye trudy vysshih uchebnykh zavedenii Litovskoi SSR see Lietuvos TSR aukstujo mokyklu mokslo darbai. Nauchnye trudy vysshih uchebnykh zavedenii Litovskoi SSR

Naujos knygos
1967 no. 10-12(283b)
1968 no. 1-3(119a) 5-6(2262b) 8(2262b)

Nauka i religia
1967 v. 9, no. 12(17a)
1968 v. 9, no. 1-3(553b) 4(1119c) 5(1428c) 6(1704b) 7(1975c) 8(1704b) 9(2265a)

Nauka i suspil'stvo
1968 v. 17, no. 2(135b) 3-4(576c) 11(306a) v. 18, no. 5(135b) 6(1444b) 7-8(1991a) 9(2285c)

Nauka i tekhnika
1968 v. 8, no. 3-5(1174c)

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1967 v. 33, no. 11(135b)
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1968 no. 8(17c)

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Neftegazovaya geologiya i geofizika
1967 no. 10-11 (80c) 12(900a)
1968 no. 1(1204a) 2(1204b) 3(2057a) 4(2338a)

Neftekhimiiia
1967 v. 7, no. 6(612b)
1968 v. 8, no. 1(833b) 2(2315a)

Nefteperabotka i neftekhimiiia
1967 no. 12(80c)
1968 no. 1(1204b) 2(906a) 3(906b) 4-5(1778b) 7(2057b)

Nefteperabotka i neftekhimiiia [Kiev]
1967 v. 2(1068a)

Neftepromyslovoe delo
1967 no. 11(90a)
1968 no. 1(631a) 2(1204b) 3(1204c) 4(1778c) 6(2338b)

Neftianaya i gazovaya promyshlennost
1968 no. 1(1204c) 2(1205a) 3(2057b)

Neftianik
1963 v. 8, no. 3(1500a) 4(906b)
1967 v. 12, no. 8(906c) 9(1205a) 10(1778c) 12(90a)
1968 v. 13, no. 1(631a) 2(906c) 3-4(1205b) 5(2057c) 6(2338b)

Neftianoe khoziaistvo
1967 v. 45, no. 9(906b) 11(906c) 12(906b)
1968 v. 46, no. 1(907a) 2(1205c) 3(907a) 4(1509a) 5(2058b) 6(1778c) 7(2058a) 8(2338c)

Nekotorye voprosy metodologii nauchnogo issledovaniia
1968 no. 2(178b)

Neman
1968 v. 17, no. 2(296a) 3-4(568c) 5-6(1130b) 7(1441b) 8(1711a)

Nervnaya sistema
1967 no. 8(570c)

Nova
1968 no. 1-2(206a) 3-4(568c) 5(1130b) 6-7(1441b) 8(1711a)

Nistru
1968 v. 37, no. 1-3(568a) 4(1130b) 5-6(1441b) 7-8(1711a) 9(2274a)

Niva
1967 no. 12(15a)

Noorus
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1968 no. 7(2273b)

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1968 v. 11, no. 1(320c) 2(1161b) 3(1408c)

Noukogude kool
1967 v. 25, no. 12(292a)
1968 v. 26, no. 1-2(292a) 6-7(1439b) 8-9(2272c)

Noukogude naivo
1967 v. 23, no. 12(289b)
1968 v. 24, no. 1(289b) 2-5(1124b) 6(1433b) 7-9(2270a)

Novaia Albaniiia
1967 no. 5-6(1118c)
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Novaia i novel'shala istoriia
1967 no. 6(18a)

Novaia inostranniiia ekonomicheskaya literatura
1967 no. 10(21c) 11-12(1431a)
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Novaya inostrannaya literatura po filosofii
1967 no. 10(16b) 11-12(142b) 5-6(226b) 8(226b)
1968 no. 1-4(142b) 7(1975b)

Novaya inostrannaya literatura po iazyko-
naniu
1967 no. 9(10(30c)) 11-12(144c)
1968 no. 1-3(144c) 4-5(2273c) 6(1982c) 7(2273c)

Novaya inostrannaya literatura po istorii,
arkheologii i etnografii
1967 no. 10(18a) 11-12(142b)
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Novaya inostrannaya literatura po litera-
turovedeniю
1967 no. 10(31c) 11-12(144b)
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Novaya Kozia
1967 no. 10(15a) 11-12(152b)
1968 no. 1-3(142b) 4(1704a) 5(142b) 6(1704a)
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issledovatel'skoi rabote za rubezhom
1967 v. 21, no. 10(15b) 11-12(1427b)
1968 no. 1-3(1427b) 4-5(2282b) 6(1975a) 7(2282b)

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1967 no. 10(1427b) 12(1427b)
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evropejskix sotsialisticheskix stran
1967 no. 3-4(142b)
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Novaya literatura po Pol'she
1967 no. 8-9(10(15b)) 11-12(1427b)
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1967 no. 9(15c) 11-12(1427b)
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1967 no. 8-10(15c) 11-12(1427b)
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1967 no. 10(21c) 11-12(143b)
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Novaya sovetskaja i inostrannaya literaturny
po stranam Azii i Afriki
1967 no. 10(15c) 11-12(1427b)
1968 no. 1-3(1427b) 4-6(1975a)

Novaya sovetskaja i inostrannaya literatura
po voprosam ateizma i religii
1967 no. 0-12(1975c)
1968 no. 1-3(1975c) 4-5(2265a) 6(1975c) 7(2265a)

Novaya sovetskaja literatura o nauke i
nauchno-issledovatel'skoi rabote v SSSR
1967 no. 10(15c) 11-12(152c)
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naniu
1967 no. 9(10(30c)) 11-12(144c)
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Novaya sovetskaja literatura po istorii,
arkheologii i etnografii
1967 no. 9(15b) 10-12(142b)
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Novaya sovetskaja literatura po literaturo-
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Uchenye zapiski
1960 v. 1(231b)
1966 v. 7(1972c) 8(1117b) 9(1701c)

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1967 no. 9(1130b)

Novocherkasskij Politehnicheskij institut
Trudy
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Novoe v zhizni, nauke, tekhnike
II Seriya: Filosofija
1967 no. 10(3b) 11(1a)
1968 no. 2(110a)

Novoe v zhizni, nauke, tekhnike
III Seriya: Ekonomika
1967 no. 20(3a) 22(208c) 24(1103b)

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IV Seriya: Tekhnika
1967 no. 10(2c) 11(0c) 12(11b)

Novoe v zhizni, nauke, tekhnike
V Seriya: Sel'skoe khozjajstvo
1967 no. 11(268b) 12(0a)

Novoe v zhizni, nauke, tekhnike
VI Seriya: Literatura
1967 no. 11(5a)

Novoe v zhizni, nauke, tekhnike
VII Seriya: Mezhduнародnaja
1967 no. 10(3b) 21(3c) 23(3c)

Novoe v zhizni, nauke, tekhnike
VIII Seriya: Biologija
1967 no. 12(54c)

Novoe v zhizni, nauke, tekhnike
IX Seriya: Fizika. Astronomija
1967 no. 9(143c)

Novoe v zhizni, nauke, tekhnike
X Seriya: Molodezhnaja
1967 no. 10(3a) 18(5b) 19(224c)

Novoe v zhizni, nauke, tekhnike
XI Seriya: Khimija
1967 no. 10(10c) 11(140b) 12(7c)

Novoe v zhizni, nauke, tekhnike
XII Seriya: Estestvoznanie i religija
1967 no. 10(1a) 11(207a)

Novoe v zhizni, nauke, tekhnike
XV Seriya: Istorija i politika KPSS
1967 no. 8(2a)

Novoe v zhizni, nauke, tekhnike
XVI Seriya: Nauchnyj kommunizm
1967 no. 9(1693a) 10(1693a)

Novoe v zhizni, nauke, tekhnike
XVII Seriya: Gosudarstvo i pravo
1967 no. 9(1104b)

Novoe v zhizni, nauke, tekhnike
XVIII Seriya: Iskustvo
1967 no. 12(168b)

Novoe v zhizni, nauke, tekhnike
XIX Seriya: Matematika. Kibernetika
1967 no. 3(1421b) 9(7a)

Novoe v zhizni, nauke, tekhnike
XX Seriya: Promyshlennost'
1967 no. 9(9b)

Novoe v zhizni, nauke, tekhnike
XXII Seriya: Stroitel'stvo i arkhitektura
1967 no. 12(257c)

Novoe v zhizni, nauke, tekhnike
XXIII Seriya: Meditsina
1967 no. 3(1693c) 9(8a) 10(11273b)

Novoe v zhizni, nauke, tekhnike
Seriya "Biologija"
1968 no. 3(1692b) 4(1698b) 5(1693c) 6(2251a)

Novoe v zhizni, nauke, tekhnike
Seriya "Ekonomika"
1968 no. 2(1102c) 3(1102b) 4(1684a)

Novoe v zhizni, nauke, tekhnike
Seriya "Estestvoznanie i religija"
1968 no. 4(1697b) 5(2247a) 6(1697b) 8(2245b)

Novoe v zhizni, nauke, tekhnike
Seriya "Filosofija"
1968 no. 4(1691c) 6(1690a)

Novoe v zhizni, nauke, tekhnike
Seriya "Fizika. Astronomija"
1968 no. 1(1108b) 2(1113c) 3(1412b) 4(1692a) 5(2251c)

Novoe v zhizni, nauke, tekhnike
Seriya "Gosudarstvo i pravo"
1968 no. 2(1104b) 5(1698a)

Novoe v zhizni, nauke, tekhnike
Seriya "Iskustvo"
1968 no. 2(1104c) 3(1104c) 6(1691a)

Novoe v zhizni, nauke, tekhnike
Seriya "Istorija"
1968 no. 4(1695c) 6(2248a)

Novoe v zhizni, nauke, tekhnike
Seriya "Matematika. Kibernetika"
1968 no. 3(1691c) 4(1693c) 5(1694c) 6(1694a)

Novoe v zhizni, nauke, tekhnike
Seriya "Meditsina"
1968 no. 3(1416a) 6(1693c)

Novoe v zhizni, nauke, tekhnike
Seriya "Mezhduнародnaja"
1968 no. 5(1660a)

Novoe v zhizni, nauke, tekhnike
Seriya "Molodezhnaja"
1968 no. 3(1660a) 4(1657c)

Novoe v zhizni, nauke, tekhnike
Seriya "Nauchnyj kommunizm"
1968 no. 2(1102c) 3(1685b) 4(2240b)

Novoe v zhizni, nauke, tekhnike
Seriya "Nauka o Zemle"
1968 no. 2(1107b) 5(1690b)

Novoe v zhizni, nauke, tekhnike
Seriya "Radioelektronika i svjaz"
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**Referativnyi zhurnal: Iadernyye reaktory
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62)**
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Zinatniskie raksti. Uchenye zapiski Rizhskogo politehnicheskogo instituta
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1968 v. 20(2320a)
Riga. Universitate. Zinatniskie raksti. Uchenye zapiski Latvijskogo gosudarstvennogo universiteta
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- Trudy Gor'kovskogo politekhnicheskogo instituta see Gorkiy. Politekhnicheskii institut Trudy
- Trudy Gor'kovskogo sel'skokhoziaistvennogo instituta see Gorki. Sel'skokhoziaistvennyi institut. Trudy.
- Trudy Gosudarstvennogo astronomicheskogo instituta imeni P. K. Shternbeiga see Moscow. Universitet Gosudarstvennyi astronomicheskii institut. Trudy
- Trudy Gosudarstvennogo meditsinskogo instituta see Dushanbe Gosudarstvennyi meditsinskii institut. Trudy
- Trudy Gosudarstvennogo nauchno-issledovatel'skogo psikhonevrologicheskogo instituta see Leningrad. Gosudarstvennyi nauchno-issledovatel'skii psikhonevrologicheskii institut. Trudy
- Trudy Gosudarstvennogo proektiro-konstrukorskogo i nauchno-issledovatel'skogo instituta morskogo transporta see Moscow. Gosudarstvennyi proektiro-konstrukorskii i nauchno-issledovatel'skii institut morskogo transporta. Trudy
- Trudy Gosudarstvennogo nauchno-issledovatel'skogo instituta psikhologii see Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut psikhologii. Trudy
- Trudy Gosudarstvennogo okeanograficheskogo instituta see Moscow. Gosudarstvennyi okeanograficheskii institut. Trudy.
- Trudy Gosudarstvennogo vsesoiuznogo instituta po proektirovaniyu i nauchno-issledovatel'skim rabotam "Iuzhgiprotsement." see Gosudarstvennyi vsesoiuznyi institut po proektirovaniyu i nauchno-issledovatel'skim rabotam "Iuzhgiprotsement." Trudy
- Trudy Gosudarstvennogo vsesoiuznogo nauchno-issledovatel'skogo instituta tsementnoi promyshlennosti see Moscow. Gosudarstvennyi vsesoiuznyi nauchno-issledovatel'skii institut tsementnoi promyshlennosti. Trudy
- Trudy Groznenskogo neflianogo nauchno-issledovatel'skogo instituta see Grozny Groznenskii neflianoi nauchno-issledovatel'skii institut. Trudy
- Trudy Instituta biologii vnutrennikh vod see Akademiya nauk SSSR. Institut biologii vnutrennikh vod. Trudy
- Trudy Instituta elektrokhtimii Ural'skogo filiala see Akademiya nauk SSSR. Ural'skii filial, Sverdlovsk. Institut elektrokhtimii. Trudy
- Trudy Instituta geologicheskikh nauk Akademii nauk Kazakhskoi SSR see Akademiya nauk Kazakhskoi SSR, Alma-Ata. Institut geologicheskikh nauk. Trudy
- Trudy Instituta geologii i geofiziki Sibirskogo otdeleniya Akademii nauk SSSR see Akademiya nauk SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. Trudy
- Trudy Instituta geologii Komi filiala Akademii nauk SSSR see Akademiya nauk SSSR. Komi filial, Syktyvkar. Institut geologii. Trudy
- Trudy Instituta gornogo dela Akademii nauk Kazakhskoi SSR see Akademiya nauk Kazakhskoi SSR, Alma-Ata. Institut gornogo dela. Trudy
- Trudy Instituta iadernoi fiziki Akademii nauk Kazakhskoi SSR see Akademiya nauk Kazakhskoi SSR, Alma-Ata. Institut iadernoi fiziki. Trudy.
- Trudy Instituta inzhenerov zheleznodorozhnogo transporta, Rostov-on-Don see Rostov-on-Don. Institut inzhenerov zheleznodorozhnogo transporta. Trudy
- Trudy Instituta istorii Leningradskogo otdeleniya Akademii nauk SSSR see Akademiya nauk SSSR Institut istorii. Leningradskoe otdelenie Trudy
- Trudy Instituta khimicheskikh nauk Akademii nauk Kazakhskoi SSR see Akademiya nauk Kazakhskoi SSR, Alma-Ata. Institut khimicheskikh nauk Trudy
- Trudy Instituta metallurgii i obogashcheniya Akademii nauk Kazakhskoi SSR see Akademiya nauk Kazakhskoi SSR, Alma-Ata. Institut metallurgii i obogashcheniya. Trudy
- Trudy Instituta mikrobiologii i virusologii Akademii nauk Kazakhskoi SSR see Akademiya nauk Kazakhskoi SSR, Alma-Ata. Institut mikrobiologii i virusologii. Trudy
- Trudy Instituta pozhivovedeniya i agrokhtimii Akademii nauk Azerbaidzhanakoi SSR see Akademiya nauk Azerbaidzhanakoi SSR, Baku. Institut pozhivovedeniya i agrokhtimii. Trudy
- Trudy Instituta poliomielitov i virusnykh entsefalitov see Akademiya meditsinskikh nauk SSSR, Moscow. Institut poliomielitov i virusnykh entsefalitov. Trudy
- Trudy Instituta sadovodstva Akademii nauk Tadzhikskoi SSR see Akademiya nauk Tadzhikskoi SSR, Dushanbe. Institut sadovodstva. Trudy
- Trudy Instituta zashechity rastenii Akademii nauk Gruzinskoi SSR see Akademiya nauk Gruzinskoi SSR, Tiflis. Institut zashechity rastenii. Trudy
- Trudy Instituta zoologii Akademii nauk Kazakhskoi SSR see Akademiya nauk Kazakhskoi SSR, Alma-Ata. Institut zoologii. Trudy
- Trudy Irkutskogo universiteta see Irkutsk Universitet. Trudy
- Trudy Izhevskogo sel'skokhoziaistvennogo instituta see Izhevsk. Sel'skokhoziaistvennyi institut Trudy
- Trudy Kaliningradskogo tekhnicheskogo instituta rybnoi promyshlennosti i khozai'stva see Kaliningrad. Kaliningradskii tekhnicheskii institut rybnoi promyshlennosti i khozai'stva. Trudy
- Trudy Kalinskogo meditsinskogo instituta see Kalin. Meditsinskii institut. Trudy
- Trudy Kandalakshskogo gosudarstvennogo zapovednika see Kandalakshskii gosudarstvennyi zapovednik. Trudy
- Trudy Kazakhskogo nauchno-issledovatel'skogo gidrometeorologicheskogo instituta see Alma-Ata. Kazakhskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy
- Trudy Kazanskogo aviatsionnogo instituta see Kazan. Aviatsionnyi institut. Trudy
- Trudy Kazanskogo gosudarstvennogo meditsinskogo instituta see Kazan. Gosudarstvennyi meditsinskii institut. Trudy
- Trudy Kharkovskogo instituta inzhenerov zhaliznychnogo transporta see Kharkov. Institut inzhenerov zhaliznychnogo transporta. Trudy
- Trudy Kishinevskogo gosudarstvennogo meditsinskogo instituta see Kishinov. Gosudarstvennyi meditsinskii institut. Trudy
- Trudy Kishinevskogo sel'skokhoziaistvennogo instituta im. M. V. Frunze see Kishinov. Sel'skokhoziaistvennyi institut im. M. V. Frunze. Trudy
- Trudy Komissii po analiticheskoi khimii see Akademiya nauk SSSR. Komissiya po analiticheskoi khimii. Trudy
- Trudy Krasnodarskogo filiala Vsesoiuznogo neftegazovogo nauchno-issledovatel'skogo instituta see Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut. Krasnodarskii filial. Trudy
- Trudy Kuibyshevskogo gosudarstvennogo nauchno-issledovatel'skogo instituta neflianoi promyshlennosti see Kuibyshev. Gosudarstvennyi nauchno-issledovatel'skii institut neflianoi promyshlennosti. Trudy
- Trudy Latvinskogo nauchno-issledovatel'skogo instituta gidrotekhniki i melioratsii see Latvijas hidrotehnika un melioracijas zinatiski pētnieciskais instituts. Trudy Latvinskogo nauchno-issledovatel'skogo instituta gidrotekhniki i melioratsii

- Trudy Leningradskogo gidrometeorologicheskogo instituta *see* Leningrad Gidrometeorologicheskii institut. Trudy
- Trudy Leningradskogo instituta epidemiologii i mikrobiologii im. Pastera *see* Leningrad Leningradskii institut epidemiologii i mikrobiologii im. Pastera. Trudy
- Trudy Leningradskogo instituta vodnogo transporta *see* Leningrad. Institut vodnogo transporta. Trudy
- Trudy Leningradskogo otdeleniya Vsesoiuznogo proektno-izyskatel'skogo i nauchno-issledovatel'skogo instituta gidroproekta imeni S.I.A. Zhuka *see* Moscow. Vsesoiuznyi proektno-izyskatel'skii i nauchno-issledovatel'skii institut gidroproekt imeni S.I.A. Zhuk. Leningradskoe otdelenie. Trudy
- Trudy Leningradskogo politekhnicheskogo instituta *see* Leningrad. Politekhnicheskii institut. Trudy
- Trudy Leningradskogo sanitarno-gigienicheskogo meditsinskogo instituta *see* Leningrad. Sanitarno-gigienicheskii meditsinskii institut. Trudy
- Trudy Leningradskogo inzhenerno-ekonomicheskogo instituta *see* Leningrad. Leningradskii inzhenerno-ekonomicheskii institut. Trudy
- Trudy Leningradskogo khimiko-farmatsyevicheskogo instituta *see* Leningrad. Khimiko-farmatsyevicheskii institut. Trudy
- Trudy Leningradskogo obshchestva estestvoispytatelei *see* Leningradskoe obshchestvo estestvoispytatelei. Trudy
- Trudy Leningradskogo Tsentral'nogo nauchno-issledovatel'skogo instituta morskogo flota *see* Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut morskogo flota. Trudy
- Trudy Matematicheskogo instituta *see* Akademiya nauk SSSR. Matematicheskii institut. Trudy
- Trudy Matematicheskogo instituta Akademii nauk Gruzinskoi SSR *see* Akademiya nauk Gruzinskoi SSR. Tiflis Matematicheskii institut. Trudy
- Trudy Morskogo gidrofizicheskogo instituta Akademii nauk USSR *see* Akademiya nauk USSR. Kiev. Morskii gidrofizicheskii institut. Trudy
- Trudy Moskovskogo instituta inzhenerov zheleznodorozhnogo transporta *see* Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy
- Trudy Moskovskogo instituta narodnogo khozaistva *see* Moscow. Institut narodnogo khozaistva. Trudy
- Trudy Moskovskogo instituta neftekhimicheskoi i gazovoi promyshlennosti *see* Moscow. Institut neftekhimicheskoi i gazovoi promyshlennosti. Trudy
- Trudy Moskovskogo khimiko-tekhnologicheskogo instituta *see* Moscow. Khimiko-tekhnologicheskii institut. Trudy
- Trudy Moskovskogo matematicheskogo obshchestva *see* Moskovskoe matematicheskoe obshchestvo. Trudy
- Trudy Moskovskogo nauchno-issledovatel'skogo instituta meditsinskogo instrumentar'ia i oborudovaniya *see* Moscow. Nauchno-issledovatel'skii institut meditsinskogo instrumentar'ia i oborudovaniya. Trudy
- Trudy Moskovskogo obshchestva ispytatelei prirody *see* Moskovskoe obshchestvo ispytatelei prirody. Trudy
- Trudy Moskovskogo torfianogo instituta *see* Moscow. Torfianoi institut. Trudy
- Trudy Moskovskogo Vsesoiuznogo nauchno-issledovatel'skogo instituta fiziologii i biokhimiil sol'skokhoziaistvennykh zhivotnykh *see* Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut fiziologii i biokhimiil sol'skokhoziaistvennykh zhivotnykh
- Trudy Moskovskogo Vsesoiuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta *see* Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy
- Trudy Murmanskogo morskogo biologicheskogo instituta *see* Akademiya nauk SSSR. Murmanskii morskii biologicheskii institut. Trudy
- Trudy Nauchno-issledovatel'skogo instituta aeroklimatologii *see* Moscow. Nauchno-issledovatel'skii institut aeroklimatologii. Trudy
- Trudy Nauchno-issledovatel'skogo instituta ekonomiki i ekspluatatsii vodnogo transporta *see* Moscow. Nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii vodnogo transporta. Trudy
- Trudy Nauchno-issledovatel'skogo instituta geologii Arkтики *see* Leningrad. Nauchno-issledovatel'skii institut geologii Arkтики. Trudy
- Trudy Nauchno-issledovatel'skogo kinofoto instituta *see* Moscow. Nauchno-issledovatel'skii kinofotoinstitut. Trudy
- Trudy Novocheboksakskogo politekhnicheskogo instituta *see* Novocherkassk. Politekhnicheskii institut. Trudy
- Trudy Novokuznetskogo gosudarstvennogo instituta dlia usovershenstvovaniya vrachei *see* Novokuznetsk. Gosudarstvennyi institut dlia usovershenstvovaniya vrachei. Trudy
- Trudy Novosibirskogo instituta inzhenerov vodnogo transporta *see* Novosibirsk. Institut inzhenerov vodnogo transporta. Trudy
- Trudy Novosibirskogo instituta inzhenerov zheleznodorozhnogo transporta *see* Novosibirsk. Institut inzhenerov zheleznodorozhnogo transporta. Trudy
- Trudy (Nauchnye trudy) Omskogo sel'skokhoziaistvennogo instituta *see* Omsk. Sel'skokhoziaistvennyi institut. Trudy (Nauchnye trudy)
- Trudy Permskogo gosudarstvennogo meditsinskogo instituta *see* Perm. Gosudarstvennyi meditsinskii institut. Trudy
- Trudy po khimii i khimicheskoi tekhnologii no.1(1956a) 2(1956b)
- Trudy Pollarnogo nauchno-issledovatel'skogo instituta morskogo rybnogo khoziaistva i okeanologii *see* Murmansk. Pollarnyi nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanologii. Trudy
- Trudy politekhnicheskogo instituta *see* Ikutsk. Politekhnicheskii institut. Trudy
- Trudy Rostovskogo instituta inzhenerov zheleznodorozhnogo transporta *see* Rostov-on-Don. Institut inzhenerov zheleznodorozhnogo transporta. Trudy
- Trudy Sakhalinskogo kompleksnogo nauchno-issledovatel'skogo instituta *see* Akademiya nauk SSSR. Sakhalinskii kompleksnyi nauchno-issledovatel'skii institut. Trudy
- Trudy Saratovskogo gosudarstvennogo meditsinskogo instituta *see* Saratov. Meditsinskii institut. Trudy
- Trudy Saratovskogo instituta mekhanizatsii sel'skogo khoziaistva *see* Saratov. Institut mekhanizatsii sel'skogo khoziaistva. Trudy
- Trudy Seminara po vektornomu i tenzornomu analizu s ikh prilozheniyami k geometrii, mekhanike i fizike *see* Moscow. Nauchno-issledovatel'skii institut matematiki. Trudy Seminara po vektornomu i tenzornomu analizu s ikh prilozheniyami k geometrii, mekhanike i fizike
- Trudy Semipalatinskogo meditsinskogo instituta *see* Semipalatinsk. Meditsinskii institut. Trudy
- Trudy Severo-Osetinskogo gosudarstvennogo meditsinskogo instituta *see* Ordzhonikidze. Severo-Osetinskii gosudarstvennyi meditsinskii institut. Trudy
- Trudy Severo-Vostochnogo kompleksnogo nauchno-issledovatel'skogo instituta *see* Akademiya nauk SSSR. Sibirskoe otdelenie. Severo-Vostochnyi kompleksnyi nauchno-issledovatel'skii institut. Trudy
- Trudy Sibirskogo nauchno-issledovatel'skogo instituta geologii, geofiziki i mineral'nogo syr'ia *see* Sibirskii nauchno-issledovatel'skii institut geologii, geofiziki i mineral'nogo syr'ia. Trudy
- Trudy Sibirskogo otdeleniya Severo-Vostochnogo kompleksnogo nauchno-issledovatel'skogo instituta Akademii nauk SSSR *see* Akademiya nauk SSSR. Sibirskoe otdelenie. Severo-Vostochnyi kompleksnyi nauchno-issledovatel'skii institut. Trudy
- Trudy Smolenskogo gosudarstvennogo meditsinskogo instituta *see* Smolensk. Gosudarstvennyi meditsinskii institut. Trudy
- Trudy Sukhumskogo botanicheskogo sada *see* Sukhum. Botanicheskii sad. Trudy
- Trudy Sverdlovskogo goinoogo instituta *see* Sverdlovsk. Goinyi institut. Trudy
- Trudy Sverdlovskogo instituta metallurgii *see* Sverdlovsk. Institut metallurgii. Trudy
- Trudy Tallinskogo politekhnicheskogo instituta *see* Tallin. Polutehniline institut. Toimetised. Trudy Tallinskogo politekhnicheskogo instituta
- Trudy Tashkentского института инженеров железнодорожного транспорта *see* Tashkent. Institut inzhenerov zheleznodorozhnogo transporta. Trudy
- Trudy Tashkentского politekhnicheskogo instituta *see* Tashkent. Politekhnicheskii institut. Trudy
- Trudy Tashkent'skoi astronomicheskoi observatorii *see* Tashkent. Astronomicheskaya observatoriya
- Trudy Tbilisskogo instituta lesa *see* Tiflis. Institut lesa. Trudy
- Trudy Tomskogo gosudarstvennogo universiteta *see* Tomsk. Universitet. Trudy
- Trudy Tomskogo nauchno-issledovatel'skogo instituta vaktsin i syvorotok *see* Tomsk. Nauchno-issledovatel'skii institut vaktsin i syvorotok. Trudy
- Trudy Tsentral'no-Chernozemnogo gosudarstvennogo zapovednika *see* Tsentral'no-Chernozemnyi gosudarstvennyi zapovednik. Trudy
- Trudy Tsentral'nogo instituta prognozov *see* Moscow. Tsentral'nyi institut prognozov. Trudy
- Trudy Tsentral'nogo instituta usovershenstvovaniya vrachei *see* Moscow. Tsentral'nyi institut usovershenstvovaniya vrachei. Trudy
- Trudy Tsentral'nogo nauchno-issledovatel'skogo instituta ekonomiki i ekspluatatsii vodnogo transporta *see* Moscow. Tsentral'nyi nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii vodnogo transporta. Trudy
- Trudy Tsentral'nogo nauchno-issledovatel'skogo instituta geodezii, aerofotomel'ki i kartografiil *see* Moscow. Tsentral'nyi nauchno-issledovatel'skii institut geodezii, aerofotomel'ki i kartografiil. Trudy
- Trudy Tsentral'nogo nauchno-issledovatel'skogo instituta khlebopekarnoi promyshlennosti *see* Moscow. Tsentral'nyi nauchno-issledovatel'skii institut khlebopekarnoi promyshlennosti. Trudy
- Trudy Tsentral'nogo nauchno-issledovatel'skogo instituta sakharnoi promyshlennosti *see* Kiev. Tsentral'nyi nauchno-issledovatel'skii institut sakharnoi promyshlennosti. Trudy
- Trudy Tsentral'noi geneticheskoi laboratorii *see* Michurinsk. Tsentral'naya geneticheskaya laboratoriya imeni I.V. Michurina. Trudy
- Trudy Turkmen'skogo gosudarstvennogo meditsinskogo instituta *see* Ashkhabad. Turkmen'skii gosudarstvennyi meditsinskii institut. Trudy
- Trudy uchebnykh institutov svyazi 1947 no. 34(1404c)
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- Trudy Ukrain'skogo nauchno-issledovatel'skogo gidrometeorologicheskogo instituta *see* Kiev. Ukrain'skii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy
- Trudy Universiteta družby narodov *see* Moscow. Universitet družby narodov. Trudy
- Trudy Ural'skogo elektromekhanicheskogo instituta inzhenerov zheleznodorozhnogo transporta *see* Sverdlovsk. Ural'skii elektromekhanicheskii institut inzhenerov zheleznodorozhnogo transporta. Trudy
- Trudy Ural'skogo lesotekhnicheskogo instituta *see* Sverdlovsk. Ural'skii lesotekhnicheskii institut. Trudy

Trudy Ural'skogo politkhnicheskogo instituta *see* Sverdlovsk. Ural'skii politkhnicheskii institut. *Sbornik nauchnykh trudov*

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Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta miasnoi promyshlennosti *see* Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut miasnoi promyshlennosti. *Trudy*

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Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta sel'skokhoziaistvennogo mashinostroeniia *see* Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut sel'skokhoziaistvennogo mashinostroeniia. *Trudy*

Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta torfianoi promyshlennosti *see* Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut torfianoi promyshlennosti. *Trudy*

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Trudy Vsesoiuznogo proektno-izyskatel'skogo i nauchno-issledovatel'skogo instituta Glpovodkhoz *see* Moscow. Vsesoiuznyi proektno-izyskatel'skii i nauchno-issledovatel'skii institut Glpovodkhoz. *Trudy*

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Uchenye zapiski Kurskogo gosudarstvennogo pedagogicheskogo instituta *see* Kursk. Gosudarstvennyi pedagogicheskii institut. *Uchenye zapiski*

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Uchenye zapiski Leninabadskego gosudarstvennogo pedagogicheskogo instituta *see* Leninabad. Gosudarstvennyi pedagogicheskii institut. *Uchenye zapiski*

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Uchenye zapiski Moskovskogo gosudarstvennogo pedagogicheskogo instituta im. strannyykh iazykov see Moscow, Moskovskii gosudarstvennyi pedagogicheskii institut inostrannykh iazykov, Uchenye zapiski.

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Uchenye zapiski Nauchno-issledovatel'skogo instituta geologii Arktiki see Leningrad, Nauchno-issledovatel'skii institut geologii Arktiki, Uchenye zapiski

Uchenye zapiski Novgorodskogo gosudarstvennogo pedagogicheskogo instituta see Novgorodskii gosudarstvennyi pedagogicheskii institut, Uchenye zapiski

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Monthly Index *of* Russian Accessions



Volume 22, No. 2

February 1969

THE LIBRARY OF CONGRESS
WASHINGTON : 1969

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of four parts. Part A lists monographic literature, but no accessions published earlier than 1960 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1960. Tables of contents in English translation are provided for most periodicals listed.

Part C provides subject analysis of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

Beginning Volume 21 No. 1 (April 1968) the subject headings previously used in Part C are replaced by classes based on the Universal Decimal Classification. Beginning Volume 22 No. 2 (February 1969) the Universal Decimal Classification classes also replace the subject classes formerly used in Part A. A guide to the classes used and an alphabetical index to the names of these classes is to be found before Part A of each *Monthly Index* issue.

Part D lists monographic works recently cataloged by the Library of Congress in English or in the major Western European languages (French, German, Italian, Spanish) on Russia or the Soviet Union, or by Russian or Soviet authors. Each listed monograph is followed by the Library of Congress call number and by the printed L. C. card number.

In Parts B and D the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

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* Volumes 1-10 (No. 9), 1948-1957, issued under title *Monthly List of Russian Accessions*.

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—REFERENCE DEPARTMENT

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- (438) Poland
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ORGANIZATSIYA I UPRAVLENIE NEFTEDOBVAYUSHCHEI PROMYSHLENNOSTI [ORGANIZATION AND MANAGEMENT OF PETROLEUM PRODUCTION]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut organizatsii, upravleniya i ekonomiki neftegazovoi promyshlennosti [All-Union Scientific Research Institute of the Organization, Management, and Economics of the Petroleum and Natural Gas Industry]. Moscow, no. 9, 1968.

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Survey of labor legislation and judicial practice. p. 158.

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e. SOCIOLOGY

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- Sovremennik. - Freedom of the press, genuine and imaginary. p. 1.
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stan. Alma-Ata, no. 10, Oct. 1968. [In Kazakh]

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NAUK VUZOV G. LENINGRADA; Istorii KPSS
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c. THEATER

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- KEEL JA KIRJANDUS** [LANGUAGE AND LITERATURE]. Issued by Eesti NSV Teaduste Akadeemia and Eesti NSV Kirjanduse Liit [Academy of Sciences of the Estonian S.S.R. and the Association of Writers of the Estonian S.S.R.]. Tallinn, vol. 11, no. 10, Oct. 1968. [In Estonian]
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b. LITERATURE & FOLKLORE

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VESTNIK PROTIVOVOSDUSHNOI OBORONY [AIR DEFENSE REVIEW]. Published by Voennoe izdatel'stvo Ministerstva oborony SSSR [Military Publishing House of the Ministry of Defense of the U. S. S. R.] Moscow, no. 6, June 1968.

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VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U. S. S. R.]. Moscow, vol. 48, no. 11, Nov. 1968.

b. NAVAL SCIENCE

KATERA I YAKHTY [MOTORBOATS AND SAILBOATS]. Leningrad, no. 15, 1968.

MORSKOI FLOT [THE MERCHANT MARINE]. Issued by Ministerstvo morskogo flota SSSR [Ministry of the Merchant Marine of the U. S. S. R.]. Moscow, no. 9, Sep. 1968.

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SUDOSTROENIE [SHIPBUILDING]. Organ of Ministerstvo sudostroitel'noi promyshlennosti SSSR and Nauchno-tekhnicheskoe obshchestvo sudostroitel'noi promyshlennosti [Ministry for the Shipbuilding Industry of the U. S. S. R. and the Scientific Technological Society of the Shipbuilding Industry]. Leningrad, vol. 58, no. 8 (369), Aug. 1968.

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PART C

List of Periodicals Indexed and Abbreviations Used

Agitator (6)	Agitator	Dokl. po ekon. geogr. SSSR (12b)	Doklady po ekonomicheskoi geografii SSSR [Reports on Economic Geography of the U.S.S.R.]
Agrokhiimiia (15a)	Agrokhiimiia [Agrochemistry]	Dokl. po geogr. nas. (12b)	Doklady po geografii naseleniia [Reports on Population Geography]
Alg i log (13e)	Akademii nauk SSSR. Sibirskoe otdeleniie Seminar algebr y i logiki. Algebra i logika [Academy of Sciences of the U.S.S.R. Siberian Department Seminar of Algebra and Logic. Algebra and Logic]	Dokl. Vost. kom. Geogr. ob-va SSSR (12b)	Geograficheskoe obshchestvo SSSR. Vostochnaia komissia. Doklady [Geographical Society of the U.S.S.R. Eastern Committee. Reports]
Antibiotiki (14f)	Antibiotiki [Antibiotics]	Ekon i mat metod. (5b)	Ekonomika i matematicheskie metody [Economics and Mathematical Methods]
Arkh. anat., gist i embr (13c)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]	Ekon. Rad. Ukr. (5b)	Ekonomika Radians'koi Ukrainy [Economics of the Soviet Ukraine]
Arkh. pat. (14e)	Arkhiv patologii [Archives of Pathology]	Ekon. sel'skhoz. (5b)	Ekonomika sel'skogo khoziaistva [Economics of Agriculture]
Arkheologiya (4b)	Arkheologiya [Archaeology]	Ekon. stroi. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Atom. energ. (13f)	Atomnaia energiya [Atomic Energy]	Elektrichestvo (16e)	Elektrichestvo [Electricity]
Atom. tekhn. za rub. (16a)	Atomnaia tekhnika za rubezhom [Nuclear Engineering Abroad]	Elektrotekh-nika (16e)	Elektrotehnika [Electrical Engineering]
Av. i kosm. (16b)	Aviatsiia i kosmonavtika [Aviation and Astronautics]	Energ. stroi. (16e)	Energeticheskoe stroitel'stvo [Power Construction]
Avt. dor. (16d)	Avtomobil'nye dorogi [Highways]	Energokhoz. za rub. (16e)	Energokhoziaistvo za rubezhom; prilozhenie k zhurnalu "Elektricheskoe stroitel'stvo" [Electric Power Production and Utilization in Foreign Countries; Supplement to the Periodical "Electric Power Stations"]
Avt. prom. (16g)	Avtomobil'naiia promyshlennost' [Automobile Industry]	Energomashino-stroenie (16g)	Energomashinostroenie [Power Machinery Construction]
Avt. transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]	Etal. vrem. v sred. mom. pered. radiosig. (13b)	Einlonnoe vremia v srednie momenty poruchad radiosignal'ov [Official Time at Mean Moments of Radio Signal Transmissions]
Avtom. svar. (16f)	Akademii nauk URSR, Kiev. Institut elektrozvarivaniia, Avtomaticheskaiia svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding, Automatic Welding]	Farmatsiia (14f)	Farmatsiia [Pharmacy]
Azerb. khim. zhur. (13d)	Azerbaidzhanskii khimicheskii zhurnal [Azerbaijan Chemical Journal]	Fin. SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
Azerb. med. zhur. (14a)	Azerbaidzhanskii meditsinskii zhurnal [Azerbaijan Medical Journal]	Fiz. gor. i vzryva (13f)	Fizika goreniia i vzryva [Physics of Combustion and Blasting]
Bibliot. SSSR (2b)	Biblioteki SSSR [Libraries of the U.S.S.R.]	Fiz. met. i metallovod. (16h)	Fizika metallov i metallovodenie [The Physics of Metals and Metallography]
Biokhiimiia (13c)	Biokhiimiia [Biochemistry]	Fiz. tver. tela (13f)	Fizika tverdogo tela [Solid State Physics]
Biul. inst. teor. astron. (13b)	Akademii nauk SSSR. Institut teoreticheskoi astronomii. Biulleten' [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Bulletin]	Fiziol. rast. (13c)	Fiziologiia rastenii [Physiology of Plants]
Biul. MOIP Old. biol. (13c)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel biologicheskii [Moscow. Naturalists' Society. Bulletin, Biological Section]	Fiziol. zhur. (13c)	Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.]
Biul. mezhdunar. nauch. s'ezd., konf. i kongr. (1a)	Biulleten' mezhdunarodnykh nauchnykh s'ezdov, konferentsii i kongressov [Bulletin of International Scientific Meetings, Conferences, and Congresses]	Fiziol. zhur. [Ukr.] (13c)	Fiziologichnyi zhurnal [Physiological Journal]
Biul. Min. vys. i sred. spets. obr. SSSR (8a)	Russka (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin]	Gello-tehnika (16a)	Gellotekhnika [Solar Energy Engineering]
Biul. stroi. tekhn. (16d)	Biulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering]	Geofiz. app. (12c)	Geofizicheskaiia apparatura [Geophysical Instruments]
Bot. zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]	Geol. i geofiz. (12a)	Geologiya i geofizika [Geology and Geophysics]
Bud. mat. i konstr. (16d)	Budivitel'ni materialy i konstruktii [Building Materials and Construction Elements]	Geol. nefli i gaza (16h)	Geologiya nefli i gaza [The Geology of Petroleum and Gas]
chat	Bukhgalterskii uchët [Accounting]	Geol. rud. mestorozh. (16h)	Geologiya rudnykh mestorozhdenii [Geology of Ore Deposits]
	Burentie [Drilling]	Geomag. i aer. (13f)	Geomagnetizm i aeronomiia [Geomagnetism and Aeronomy]
rel'	Differentsial'nye uravneniia [Differential Equations]	Gidr. i mel. (15a)	Gidrotehnika i melioratsiia [Hydraulic Engineering and Reclamation]
	Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk im. I. V. Lenina. Doklady [Lenin All-Union Academy of Agricultural Sciences. Reports]	Gidrobiol. zhur. (13c)	Gidrobiologicheskii zhurnal [Hydrobiological Journal]
m.	Akademii nauk Armianskoi SSR, Erivan. Doklady [Academy of Sciences of the Armenian S.S.R. Reports]	Gidroliz. i lesokhim. prom. (16c)	Gidroliznaia i lesokhimicheskaiia promyshlennost' [Hydrolysis and Wood Chemistry Industry]
erb.	Akademii nauk Azerbaidzhanskoi SSR, Baku. Doklady [Academy of Sciences of the Azerbaijan S.S.R. Reports]	Gor. khoz. Mosk. (16d)	Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow]
SR	Akademii nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]	Gor. zhur. (16h)	Gornyi zhurnal [Mining Journal]
ish.	Akademii nauk Tadzhikskoi SSR, Dushanbe. Doklady [Academy of Sciences of the Tajik S.S.R. Reports]	Grud. khir. (14b)	Grudnaia khirurgiia [Thoracic Surgery]

Inform. biul. nov. inostr. knig, postup v Bibl. im V. I. Len. Ser. 1 (2a)	Moscow. Publichnaya biblioteka. Informatsionnyy biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina Seriya 1 Fiziko-matematicheskie i khimicheskie nauki, nauki o zemle, tekhnika i tekhnicheskoe nauki [Public Library y Informatsion Bulletin of New Foreign Books, Received by the Lenin Library Series 1: Physical, Mathematical, and Chemical Sciences, Earth Sciences, Technology and Technological Sciences]	Izv. vys. ucheb. zav., stroit. i arkhit. (10b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy, stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Physics]
Inform. biul. nov. inostr. knig, postup v Bibl. im V. I. Len. Ser. 3 (2a)	Moscow. Publichnaya biblioteka. Informatsionnyy biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina Seriya 3 Obshchestvennye nauki, khudozhestvennaya literatura, iskusstvo [Public Library y Informatsion Bulletin of New Foreign Books Received by the Lenin Library Series 3, Social Sciences, Belles-Lettres, Art]	Izv. vys. ucheb. zav., tekhn. i prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy; tekhnologiya legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of Light Industry]
Inform. biul. VDNKH (16a)	Moscow. Vystavka dostizheniy narodnogo khozaystva SSSR. Informatsionnyy biulleten' [Exhibition of Achievements of the National Economy of the U.S.S.R. Information Bulletin]	Kardiologiya (14a)	Kardiologiya [Cardiology]
Inform. ukaz. bibl. spis. i kart. (2a)	Informatsionnyy ukazatel' bibliograficheskikh spisokov i kartotek, sostavlenykh bibliotekami Sovetskogo Soyuza [Information Index of Bibliographical Lists and Card Files Compiled by the Libraries of the Soviet Union]	Kauchuk i rezina (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]
Inform. ukaz. stand. (16a)	Informatsionnyy ukazatel' standartov [Information index of Standards]	Khim. -farm. zhur. (14f)	Khimiko-farmatsevticheskiy zhurnal [Chemical and Pharmaceutical Journal]
Inzh. -fiz. zhur. (16a)	Inzhenerno-fizicheskiy zhurnal [Journal of Engineering Physics]	Khim. i tekhn. topl. i masel (16c)	Khimiya i tekhnologiya topliv i masel [Chemistry and Technology of Fuel and Oil]
Ist. SSSR (4a)	Istoriya SSSR [History of the U.S.S.R.]	Khim. inform. (13d)	Khimicheskaya informatsiya; sistematicheskiy ukazatel' stat' v inostrannykh zhurnalakh [Chemical Information; Classified Index of Articles in Foreign Periodicals]
Izm. tekhn. (16a)	Izmeritel'naya tekhnika [Measurement Techniques]	Khim. i ver. topl. (13d)	Khimiya tverdogo topliva [Chemistry of Solid Fuel]
Izobr., prom. obraz., i tov. znaki (16a)	Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki [Inventions, Industrial Samples, Trademarks]	Khirurgiya (14b)	Khirurgiya [Surgery]
Izv. AN Arm. SSR, Fiz. (13f)	Akademiiya nauk Armianskoi SSR, Erivan. Izvestiya. Fizika [Academy of Sciences of the Armenian S.S.R. Bulletin, Physics]	Khol. tekhn. (16c)	Kholodil'naya tekhnika [Refrigeration Engineering]
Izv. AN Arm. SSR. Khim. nauki (13d)	Akademiiya nauk Armianskoi SSR, Erivan. Izvestiya. Khimicheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin, Chemical Sciences]	Kibernetika (13e)	Kibernetika [Cybernetics]
Izv. AN Azerb. SSR. Ser. biol. nauk (13c)	Akademiiya nauk Azerbaidzhanskoi SSR, Baku. Izvestiya. Seriya biologicheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin, Series in the Biological Sciences]	Kin. i kat. (13d)	Kinetika i kataliz [Kinetics and Catalysis]
Izv. AN Kazakh SSR. Ser. obshchestv. (1a)	Akademiiya nauk Kazakhskoi SSR, Alma-Ata. Izvestiya. Seriya obshchestvennaya [Academy of Sciences of the Kazakh S.S.R. Bulletin, Social Sciences Series]	Klin. khir. (14b)	Klinicheskaya khirurgiya [Clinical Surgery]
Izv. AN SSSR. Fiz. zom. (13f)	Akademiiya nauk SSSR. Izvestiya. Fizika zemli [Academy of Sciences of the U.S.S.R. Bulletin, Physics of the Earth]	Koks i khim. (10c)	Koks i khimiya [Coke and Chemistry]
Izv. AN SSSR. Mekh. zhid. i gaza (13f)	Akademiiya nauk SSSR. Izvestiya. Mekhanika zhidkosti i gaza [Academy of Sciences of the U.S.S.R. Bulletin, Mechanics of Liquids and Gas]	Koll. zhur. (13d)	Kolloidnyi zhurnal [Colloid Journal]
Izv. AN SSSR. Ser. fiz. (13f)	Akademiiya nauk SSSR. Izvestiya. Seriya fizicheskaya [Academy of Sciences of the U.S.S.R. Bulletin, Physical Series]	Komar. chten. (DVPAN) (13c)	Akademiiya nauk SSSR. Dal'nevostochnyy filial, Vladivostok. Komarovskie chteniya [Academy of Sciences of the U.S.S.R. Far Eastern Branch. Komarov Lectures]
Izv. AN SSSR. Ser. khim. (13d)	Akademiiya nauk SSSR. Izvestiya. Seriya khimicheskaya [Academy of Sciences of the U.S.S.R. Bulletin, Chemical Series]	Komm. Bel. (6)	Kommunist Belorussii [Communist of White Russia]
Izv. AN Uz. SSR. Ser. fiz. -mat. nauk (13c)	Akademiiya nauk Uzbekskoi SSR, Tashkent. Izvestiya. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin, Series in the Physical and Mathematical Sciences]	Komm. Ukr. (6)	Kommunist Ukrainy [Communist of the Ukraine]
Izv. VNIIG (16d)	Leningrad. Vsesoyuznyi nauchno-issledovatel'skiy institut gidrotekhniki. Izvestiya [All-Union Scientific Research Institute of Hydraulic Engineering. Bulletin]	Kons. i ov. prom. (16c)	Konserviraniye i ovoshchesushil'naya promyshlennost' [The Canning and Dehydrated Vegetable Industry]
Izv. Vses. geog. ob-va (12b)	Geograficheskoye obshchestvo SSSR. Izvestiya [Geographic Society of the U.S.S.R. Bulletin]	Kozh. -obuv. prom. (16f)	Kozhevenno-obuvnaya promyshlennost' [Leather and Footwear Industry]
Izv. vys. ucheb. zav.; geol. i razv. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy; geologiya i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and Prospecting]	Lab. delo (14c)	Laboratornoye delo [Laboratory work]
Izv. vys. ucheb. zav.; gor. zhur. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy; gornyy zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mining Journal]	Let. druku BSSR (2a)	Letopis' druku BSSR. Letopis' pechat' BSSR [Chronicle of the Publications of the White Russian S.S.R.]
Izv. vys. ucheb. zav.; khim. i khim. tekhn. (13d)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy; khimiya i khimicheskaya tekhnologiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]	Let. zhur. st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Izv. vys. ucheb. zav.; mashino-str. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy; mashinostroyeniye [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machinery Manufacture]	Lit. gaz. st. (2a)	Litopys gazetnykh statei [Chronicle of Newspaper Articles]
Izv. vys. ucheb. zav.; prib. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy; priborostroyeniye [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Instrument Manufacture]	Lit. po ped. nauk. i nar. obr. (8a)	Literatura po pedagogicheskim naukam i narodnomu obrazovaniyu [Literature on the Pedagogical Sciences and Public Education]
		Lit. proizv. (16b)	Litsoye proizvodstvo [Foundry Practice]
		Lit. zhur. st. (2a)	Litopys zhurnal'nykh statei [Chronicle of Periodical Articles]
		Mashinostroyitel' (16g)	Mashinostroyitel' [Machine Builder]
		Mat. sbor. (3a)	Matematicheskiy sbornik [Mathematical Review]
		Med. ref. zhur. (14a)	Meditsinskiy referativnyi zhurnal [Medical Abstracts]
		Mekh. i avtom. proizv. (16g)	Mekhanizatsiya i avtomatizatsiya proizvodstva [Mechanization and Automation of Production]
		Mekh. stroit. (16g)	Mekhanizatsiya stroitel'stva [Mechanization of Construction]
		Metallurg (16h)	Metallurg [Metallurgist]
		Meteoritika (13b)	Meteoritika [Meteoritics]
		Mias. ind. SSSR (16f)	Miasnaya industriya SSSR [Meat Industry of the U.S.S.R.]
		Mikrobiol. zhur. (13c)	Mikrobiologicheskyy zhurnal [Journal of Microbiology]
		Mir. ekon. i mezhduunar. otn. (5b)	Mirovaya ekonomika i mezhduнародnye otnosheniya [World Economics and International Relations]
		Mont. i spets. rab. v stroit. (16d)	Montazhnye i spetsial'nye raboty v stroitel'stve [Assembly and Specialized Operations in Construction]

Mor. flot. (17b)	Morskoy flot [The Merchant Marine]	Ref. zhur. : Nauch. i tekhn. inform. (18a)	Referativnyi zhurnal: Nauchnaya i tekhnicheskaya informatsiya (Otdel'nyi vypusk 59) [Journal of Abstracts: Scientific and Technical Information (Separate Issue 59)]
Muk. - elev. prom. (16f)	Mukomol'no-levatornaya promyshlennost' [Flour Milling and Grain Storage]	Rev. dyzh. v Sib. i na Dal'. Vost. (4a)	Revolyutsionnoye dvizheniye v Sibiri i na Dal'nem Vostoke [The Revolutionary Movement in Siberia and the Far East]
Nar. khoz. Kazakh (5b)	Natsionalnoye khozaystvo Kazakhstana [The National Economy of Kazakhstan]	Ryb. khoz. (15b)	Rybnoye khozaystvo [Fisheries]
Na: obr. (8a)	Narodnoye obrazovanie [Public Education]	Sakh. prom. (18c)	Sakhar'naya promyshlennost' [Sugar Industry]
Nauch. dokl. vys. shkoly, biol. nauki (13c)	Russiya (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Nauchnye doklady vysshei shkoly, biologicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools, Biological Sciences]	Sbor. nauch. trud. EINI (16e)	Novocherkassk. Nauchno-issledovatel'skii institut elektrozostroyeniya. Sbornik nauchnykh trudov [Scientific Research Institute of Electric Locomotive Design and Construction. Papers]
Nauch. inform. Astr. sov. AN SSSR (13b)	Akademika nauk SSSR. Astronomicheskii sovet. Nauchnye informatsii [Academy of Sciences of the U.S.S.R. Astronomical Council. Scientific Information]	Sbor. trud. VNIINaIud (16d)	Vsesoyuznyi nauchno-issledovatel'skii institut nerudnykh stroytel'nykh materialov i gidromekhanizatsii. Sbornik trudov [All-Union Scientific Research Institute of Rock Building Materials and Hydraulic Mechanization. Papers]
Neft. khoz. (16h)	Neftnaya khozaystvo [The Petroleum Industry]	Sbor. trud. VNIINSM (16d)	Vsesoyuznyi nauchno-issledovatel'skii institut novykh stroytel'nykh materialov. Sbornik trudov [All-Union Scientific Research Institute of New Building Materials. Papers]
Neftegaz, geol. i geofiz. (16h)	Neftegazovaya geologiya i geofizika [Petroleum and Gas Geology and Geophysics]	Sel'. khoz. za rub. Rast. (15d)	Sel'skoye khozaystvo za rubezhom: Rastenievodstvo [Agriculture Abroad: Plant Culture]
Nefteprom. delo (16h)	Neftepromyslovoye delo [Petroleum Production]	Sel'skhoz. lit. SSSR (15a)	Sel'skokhozaystvennaya literatura SSSR [Agricultural Literature of the U.S.S.R.]
Nov. i noveish. ist. (4a)	Novaya i noveishaya istoriya [Modern and Recent History]	Shvein. prom. (16f)	Shveitsarskaya promyshlennost' [Clothing Industry]
Nov. knigi SSSR (2a)	Novye knigi SSSR [New Books of the U.S.S.R.]	Sib. mat. zhur. (13e)	Sibirskii matematicheskii zhurnal [Siberian Mathematical Journal]
Nov. knizh. URSR (2a)	Novi knizhky URSR [New Books of the Ukrainian S.S.R.]	Sots. obes. (5e)	Sotsial'noye obespecheniye [Social Security]
Nov. tovar. (5a)	Novyye tovary, informatsionnyi biulleten' [New Consumer Goods, Information Bulletin]	Sots. trud. (5d)	Sotsialisticheskiy trud [Socialist Labor]
Nov. vrem. (6)	Novoye vremya [New Times]	Sots. zakon. (7)	Sotsialisticheskaya zakonnost' [Socialist Legality]
Ogneupory (16h)	Ogneupory [Refractories]	Sov. arheol. (4b)	Sovetskaya arheologiya [Soviet Archaeology]
Organ. i upr. nefteob. prom. (5b)	Organizatsiya i upravleniye nefteobrabatovushchei promyshlennosti [Organization and Management of Petroleum Production]	Sov. bibl. (2a)	Sovetskaya bibliografiya [Soviet Bibliography]
Ortop. i travm. i protez. (14h)	Ortopediya, travmatologiya i protezirovaniye [Orthopedics, Traumatology, and Prosthesis]	Sov. etn. (12a)	Sovetskaya etnografiya [Soviet Ethnography]
Otv. na vop. rab. (1b)	Otvechayem na voprosy rabochikh [We Answer Workers' Questions]	Sov. geol. (12c)	Sovetskaya geologiya [Soviet Geology]
Part. zhizn' [Uzb.] (8)	Partiynaya zhizn' [Party Life]. Uzbekistan.	Sov. gos. i pravo (7)	Sovetskoye gosudarstvo i pravo [The Soviet State and Law]
Pat. fiziol. i eksp. terap. (14e)	Patologicheskaya fiziologiya i eksperimental'naya terapiya [Pathological Physiology and Experimental Therapy]	Sov. iust. (7)	Sovetskaya iustitsiya [Soviet Justice]
Pis'm. v red. Zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki. Pis'ma v redaktsiyu [Journal of Experimental and Theoretical Physics. Letters to the Editors]	Sov. muz. (9b)	Sovetskaya muzyka [Soviet Music]
Plan. khoz. (5b)	Plannoye khozaystvo [Planned Economy]	Sov. shakht. (16h)	Sovetskii shakhter [Soviet Miner]
Podg. i koks. ugl. (16h)	Podgotovka i koksovanie uglia [Preparation and Coking of Coals]	Sov. torg. (5a)	Sovetskaya torgovlya [Soviet Commerce]
Poliomielit (14e)	Poliomielit [Polio]	Sred. spets. obr. (8a)	Sredneye spetsial'noye obrazovanie [Secondary Specialized Education]
Porosh. met. (16h)	Poroshkovaya metallurgiya [Powder Metallurgy]	Stal' (16h)	Stal' [Steel]
Prikl. mekh. (16g)	Prilozhnaya mekhanika [Applied Mechanics]	Stan. i instr. (16g)	Stanki i instrumenty [Machine Tools and Cutting Tools]
Priroda (13a)	Priroda [Nature]	Steklo i ker. (16c)	Steklo i keramika [Glass and Ceramics]
Probl. gemat. i perel. krovi (14e)	Problemy gematologii i perekrivaniya krovi [Problems of Hematology and Blood Transfusion]	Stroitel'stvo i arkhitekt. (16b)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Probl. tub. (14a)	Problemy tuberkuleza [Problems of Tuberculosis]	Stroitel'stvo i dorozh. mash. (16g)	Stroitel'stvo i dorozhnyye mashiny [Construction and Road Machinery]
Prof. - tekhn. obr. (16a)	Professional'no-tekhnicheskoye obrazovanie [Vocational Technical Education]	Stroitel'stvo i konstr. (16d)	Stroitel'stvo i konstruktsii [Building Structures]
Pyt. nov. ta novit. ist. (4a)	Pytaniya novoy i novitoy istorii [Problems in Modern and Recent History]	Stroitel'stvo i truboprov. (16d)	Stroitel'stvo i truboprovod [Pipeline Construction]
Rad. lit. (11b)	Radiatsionnoye literaturoznaveniye [Soviet Literary Review]	Subtrop. kul't. (15d)	Subtropicheskiye kul'tury [Subtropical Crops]
Radiokhimia (13d)	Radiokhimiya [Radiochemistry]	Sudostroyeniye (17b)	Sudostroyeniye [Shipbuilding]
Radiotekh. i elektron. (16e)	Radiotekhnika i elektronika [Radio Engineering and Electronics]	Svod. biul. nov. inostr. knig. Ser. A (2a)	Svodnyi biulleten' novykh inostrannykh knig, posulupivshikh v biblioteki SSSR. Seriya A: Estestvennyye nauki, meditsina, sel'skoye khozaystvo, tekhnika [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series A: Natural Sciences, Medicine, Agriculture, Technology]
Razved. i okhr. nedr. (16h)	Razvedka i okhraneniye nedr [Prospecting and Conservation of Mineral Resources]	Svod. biul. nov. inostr. knig. Ser. B (2a)	Svodnyi biulleten' novykh inostrannykh knig, posulupivshikh v biblioteki SSSR. Seriya B: Obshchestvennyye nauki [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series B: Social Sciences]
Reakts. i metod. issl. org. soed. (13d)	Reaktsii i metody issledovaniya organicheskikh soedinenii [Reactions and Methods of Investigating Organic Compounds]	Svoi. atom. i ader. (13f)	Svoystva atomnykh i ader. [Properties of Atomic Nuclei]
Ref. zhur. : Avtom., telem. i vych. tekhn. (16e)	Referativnyi zhurnal: Avtomatika, telemekhanika i vychislitel'naya tekhnika [Journal of Abstracts: Automatic Control, Remote Control, and Computer Technology]	Tekh. est. (16a)	Tekhnicheskaya estetika [Industrial Aesthetics]
Ref. zhur. : Med. geog. (14a)	Referativnyi zhurnal: Meditsinskaya geografiya (Otdel'nyi vypusk 36) [Journal of Abstracts: Medical Geography (Separate Issue 36)]	Tekh. kino i telev. (9a)	Tekhnika kino i televideniya [Motion-Picture and Television Engineering]
Ref. zhur. : Mekh. (13f)	Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]	Tekh. v sel'skhoz. (15a)	Tekhnika v sel'skom khozaystve [Machinery in Agriculture]
		Teor. i eksp. khim. (13d)	Teoreticheskaya i eksperimental'naya khimiya i inzheneriya [Theoretical and Experimental Chemistry]
		Teor. i prakt. fiz. kul't. (8b)	Teoriya i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]

Aploenergetika (16g)	Teplotenergetika [Heat Engineering]	Trudy Ural. politekh. inst. (16a)	Sverdlovsk, Ural'skii politekhnicheskii institut. Trudy [Ural Polytechnic Institute. Transactions]
Org. za rub. (5a)	Torgovlia za rubezhom [Trade Abroad]	Trudy VNIGRI (10h)	Leningrad, Vsesoiuznyi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy [All-Union Petroleum (Scientific Research) Geological Prospecting Institute. Transactions]
Transp. stroit. (16d)	Transportnoe stroitel'stvo [Construction for the Transportation Industry]	Trudy VNIIRT (16e)	Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut magnitnoi zapiski i tekhnologii radioveshchaniia i televideniia. Trudy [All-Union Scientific Research Institute of Magnetic Recording and Radiobroadcasting and Television Engineering. Transactions]
Trudy AzNII DN (16h)	Baku, Azorbaidzhan'skii nauchno-issledovatel'skii institut po dobyche nefli. Trudy [Azerbaijan Scientific Research Institute for Petroleum Production. Transactions]	Trudy VNIPRKH (15b)	Moscow, Vsesoiuzskii nauchno-issledovatel'skii institut prudovogo rybnogo khoziaistva. Trudy [All-Russian Scientific Research Institute of Pond Fisheries. Transactions]
Trudy Fiz. inst. (13i)	Akademii nauk SSSR, Fizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physics. Transactions]	Trudy VSEGEI (12c)	Leningrad, Vsesoiuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions]
Trudy GMIT (13i)	Russia (1923- U.S.S.R.), Gidrometeorologicheskii nauchno-issledovatel'skii tsentr SSSR. Trudy [Hydrometeorological Scientific Research Center of the U.S.S.R. Transactions]	Uch. zap. BGU (Ufa) (11a)	Ufa, Bashkirskii gosudarstvennyi universitet. Uchenye zapiski [Bashkir State University. Studies]
Trudy Geol. inst. Kazan. fil. AN SSSR (12c)	Akademii nauk SSSR, Kazanskii filial. Geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Kazan Branch. Geological Institute. Transactions]	Uch. zap. Erevan (1a)	Erivan Universitet. Uchenye zapiski [University. Studies]
Trudy Gidrav. lab. VODGEO (16d)	Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut vodosnabzheniia, kanalizatsii, gidrotekhnicheskikh sooruzhenii i inzhenernoi gidrogeologii. Gidravlicheskaia laboratoria. Trudy [All-Union Scientific Research Institute of Water Supply, Sewerage, Hydraulic Structures, and Engineering Hydrogeology. Hydraulic Laboratory. Transactions]	Uch. zap. GGPI (1a)	Gorkiy Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Trudy GrozNII (16h)	Groznyi, Groznen'skii neflianoi nauchno-issledovatel'skii institut. Trudy [Grozny Petroleum Research Institute. Transactions]	Uch. zap. GGU (1a)	Gorkiy Universitet. Uchenye zapiski [University. Studies]
Trudy IGD (Sverd.) (16h)	Sverdlovsk, Institut gornogo dela. Trudy [Institute of Mining. Transactions]	Uch. zap. kaf. obshchestv. nauk vuz. g. Len.; Ist. KPSS (6)	Uchenye zapiski kafedri obshchestvennykh nauk vuzov g. Leningrada; Istorii KPSS [Studies by the Departments of Social Sciences of Leningrad Institutions of Higher Education; History of the CPSU]
Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR (12c)	Akademii nauk SSSR, Sibirskoe otdelenie. Institut geologii i geofiziki. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. Institute of Geology and Geophysics. Transactions]	Uch. zap. MGPI (1a)	Moscow, Moskovskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Moscow. State Pedagogical Institute. Studies]
Trudy Inst. geol. nauk AN Kazakh. SSR (12c)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Institut geologicheskikh nauk. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Geological Sciences. Transactions]	Uch. zap. Mord. gos. un. (1a)	Saransk, Mordovinskii gosudarstvennyi universitet. Uchenye zapiski [Mordvin State University. Studies]
Trudy Inst. khim. UFAN SSSR (13d)	Akademii nauk SSSR, Ural'skii filial, Sverdlovsk. Institut khimii. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Institute of Chemistry. Transactions]	Uch. zap. NIIGA (12c)	Leningrad, Nauchno-issledovatel'skii institut geologii Arktiki. Uchenye zapiski [Scientific Research Institute of the Geology of the Arctic. Studies]
Trudy Inst. zool. AN Kazakh. SSR (13c)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Institut zoologii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Zoology. Transactions]	Uch. zap. Omsk. gos. ped. inst. (1a)	Omsk, Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Trudy Kar. gos. med. inst. (14a)	Kazan, Gosudarstvennyi meditsinskii institut. Trudy [State Medical Institute. Transactions]	Uch. zap. po stat. (5b)	Uchenye zapiski po statistike [Studies in Statistics]
Trudy Lab. ion. prots. i sorbts. (13d)	Voronezh, Universitet, Laboratoriia ionoobmennyykh protsessov i sorbtsii. Trudy [University, Laboratory of Ion-Exchange Processes and Sorption. Transactions]	Uch. zap. Pskov. gos. ped. inst. (1a)	Pskov, Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Trudy MIT (16g)	Moscow, Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions]	Jch. zap. Tium. gos. ped. inst. (1a)	T'yumen, Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Trudy Mat. inst. (13c)	Akademii nauk SSSR, Matematicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Mathematical Institute. Transactions]	Uch. zap. Ul'ian. gos. ped. inst. (1a)	Ulyanovsk, Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Trudy NIIGA (12c)	Leningrad, Nauchno-issledovatel'skii institut geologii Arktiki. Trudy [Scientific Research Institute of Arctic Geology. Transactions]	Uch. zap. VGPI (1a)	Vologda, Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Trudy NIIGMP (13f)	Leningrad, Nauchno-issledovatel'skii institut gidrometeorologicheskogo priborostroyeniia. Trudy [Scientific Research Institute of Hydrometeorological Instrument Making. Transactions]	Ugol' (16h)	Ugol' [Coal]
Trudy NPI (16a)	Novocherkassk, Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]	Ugol' Ukr. (16h)	Ugol' Ukrainy [Coal of the Ukraine]
Trudy TSKTI (16g)	Leningrad, Tsentral'nyi nauchno-issledovatel'skii i projektirovatsionnyi kollektivnyi institut. Trudy [Central Scientific Research and Design Institute of Boilers and Turbines. Transactions]	Uki khim. zhur. (13d)	Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]
Trudy TSNII MPS (16g)	Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions]	Ukr. mat. zhur. (13e)	Ukrainskii matematicheskii zhurnal [Ukrainian Mathematical Journal]
Trudy Tadzh. politekh. inst. (16a)	Tadzhikskii politekhnicheskii institut. Trudy [Tajik Polytechnic Institute. Transactions]	Usp khim (13d)	Uspekhi khimii [Progress in Chemistry]
Trudy Tbil. GU (1a)	Tbilisi, Universitet. Trudy [University. Transactions]	Usp. mat. nauk (13e)	Uspekhi matematicheskikh nauk [Progress in the Mathematical Sciences]
Trudy Tbil. ped. inst. inostr. iaz. (1a)	Tbilisi, Pedagogicheskii institut inostrannykh iazykov. Trudy [Pedagogical Institute of Foreign Languages. Transactions]	Uzb. khim. zhur. (13d)	Uzbekskii khimicheskii zhurnal [Uzbek Chemical Journal]
Trudy UNIKHIM (16h)	Sverdlovsk, Ural'skii nauchno-issledovatel'skii khimicheskii institut. Trudy [Ural Chemical Research Institute. Transactions]	Vech. sred. shkola (8a)	Vecherniaia sredniaia shkola [Evening Secondary School]
Trudy Ukr. NIGRI (16h)	Kiev, Ukrain'skii nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy [Ukrainian (Scientific Research) Geological Prospecting Institute. Transactions]	Ved. Verkh. Sov. RSFSR (6)	Russia (1917- R S F. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Trudy Un. družn. nar. Stroi. (16d)	Moscow, Uchebno-nauchnyi tsentr. Trudy [University of the Friendship of Peoples. Transactions]	Ved. Verkh. Sov. SSSR (6)	Russia (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
		Vest. AN Kazakh. SSR (1a)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal]
		Vest. drev. ist. (4a)	Akademii nauk SSSR, Institut istorii. Vestnik drevnei istorii [Academy of Sciences of the U.S.S.R. Institute of History. Review of Ancient History]
		Vest. Mosk. un. Ser. I: Mat., mekh. (13e)	Moscow, Universitet. Vestnik. Seria I: Matematika, mekhanika [University. Review. Series I: Mathematics, Mechanics]
		Vest. Mosk. un. Ser. II: Biol., pochv. (13c)	Moscow, Universitet. Vestnik. Seria II: Biologiya, pochvedovedenie [University. Review. Series II: Biology, Soil Science]
		Vest. Mosk. un. Ser. III: Ekon. (6b)	Moscow, Universitet. Vestnik. Seria III: Ekonomika [University. Review. Series III: Economics]
		Vest. Mosk. un. Ser. IV: Filoz. (3a)	Moscow, Universitet. Vestnik. Seria IV: Filosofiya [University. Review. Series IV: Philosophy]

Vest. Mosk. un. Ser. 9: Ist. (4a)	Moscow. Universitet. Vestnik. Seriya 9: Istorija [University. Review. Series 9: History]	Vop. pat. krovi i krovoobr. (14a)	Voprosy patologii krovi i krovoobrashcheniya [Problems of the Pathology and Circulation of Blood]
Vest. Mosk. un. Ser. 11: Zhur. (11b)	Moscow Universitet. Vestnik. Seriya 11: Zhurnalistsika [University. Review. Series 11: Journalism]	Vop. pit. (13c)	Voprosy pitanija [Problems of Nutrition]
Vest. obshchestv. nauk AN Arm. SSR (1a)	Akademija nauk Armianskoi SSR, Eriyan. Vestnik obshchestvennykh nauk [Academy of Sciences of the Armenian S.S.R. Review of Social Sciences]	Vop. virus. (13c)	Voprosy virusologii [Problems of Virology]
Vest. protivovozd. obr. (17a)	Vestnik protivovozdushnoi oboorony [Air Defense Review]	Vacm. prof. dvizh. (5d)	Vsemirnoe profsoiuznoe dvizhenie [World Trade-Union Movement]
Vest. rent. i rad. (14a)	Vestnik rentgenologii i radiologii [Review of Roentgenology and Radiology]	Vych. seism. (12b)	Vychislitel'naya seismologiya [Computer Seismology]
Vest. sel'khoz. nauki [Kazakh.] (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science], Kazakhstan.	Vysokom. soed. Ser. A (13d)	Vysokomolekulyarnye soedineniya. Seriya A [Macromolecular Compounds. Series A]
Vest. stat. (5b)	Vestnik statistiki [Statistical Review]	Za tekhn. prog (16a)	Za tekhnicheskii progress [For Technological Progress]
Vest. TSNII MPB (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal]	Zap. Vses. min. ob-va (12c)	Vsesoiuznoe mineralogicheskoe obshchestvo. Zapiski [All-Union Mineralogical Society. Annals]
Vest. vys. shkoly (8a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]	Zap. Zabaik. fil. Geog. ob-va SSSR (12b)	Geograficheskoe obshchestvo SSSR. Zabaikal'skii filial. Zapiski [Geographical Society of the U.S.S.R. Transbaikalian Branch. Records]
Vest. AN BSSR. Ser. biam. nav. (1a)	Akademija nauk BSSR, Minsk. Seriya bionomicheskikh nauk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Social Sciences]	Zav. lab. (16h)	Zavodskaya laboratoriya [The Factory Laboratory]
Visnyk Kyiv. un. Ser. astron. (13b)	Kiev. Universitet. Visnyk. Seriya astronomii [University. Review. Series in Astronomy]	Zhel. dor. transp. (16g)	Zheleznodorozhnyi transport [Railroad Transportation]
Vnesh. torg. (5a)	Vneshnaya torgovlia [Foreign Trade]	Zhil. i kom. khoz. (16d)	Zhiliщное i kommunal'noe khoziaistvo [Housing and Communal Services]
Vod. i san. tekhn. (16d)	Vodosnabzhenie i sanitarnaya tekhnika [Water Supply and Sanitary Engineering]	Zhil. stroi. (16d)	Zhiliщное stroitel'stvo [Housing Construction]
Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]	Zhur. anal. khim. (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Vop. filos. (3a)	Voprosy filosofii [Problems of Philosophy]	Zhur. fiz. khim. (13d)	Zhurnal fizicheskoi khimii [Journal of Physical Chemistry]
Vop. iaz. (11a)	Voprosy iazykoznanija [Problems of Linguistics]	Zhur. mikro-biol., epid i immun. (14a)	Zhurnal mikrobiologii, eptdemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immunobiology]
Vop. ist. (4a)	Voprosy istorii [Problems of History]	Zhur. Mosk. Patr (3b)	Orthodox Eastern Church, Russian. Patriarch Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]
Vop. ist. KPSS (6)	Voprosy istorii KPSS [Problems in the History of the CPSU]	Zhur. ob. biol. (13c)	Zhurnal obshchei biologii [Journal of General Biology]
Vop. ist. vaeobshch. ist. (4a)	Voprosy istoriografii vaeobshchei istorii [Problems in the Historiography of General History]	Zhur. ob. khim. (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
Vop. izobn. (18a)	Voprosy izobretatel'stva [Problems of Invention]	Zhur. prikl. khim. (16c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
Vop. kur., fizioter. i lech. fiz. kul't. (14e)	Voprosy kurortologii, fizioterapii i lechebnoi fizicheskoi kul'tury [Problems of Health Resort Therapy, Physical Therapy, and Exercise Therapy]	Zhur. VKHO (13d)	Vsesoiuznoe khimicheskoe obshchestvo imeni D.I. Mendeleeva [All-Union Chemical Society. Journal]
Vop. onk. (14e)	Voprosy onkologii [Problems of Oncology]	Zhurnalist (11b)	Zhurnalist [Journalist]
		Zool. zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]

0. GENERALITIES

002 DOCUMENTATION AND INFORMATION RETRIEVAL

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A meeting with our young readers. L. I. Tioni. Vop. filos. no. 10 154-155 '68

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Regional classified catalogs of periodical publications. A. N. Ermolaeva. Sov. bibl. no. 2 16-25 '68

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In foreign countries Teor i prak. fiz. kul't. 31 no. 6 73-78 Je '68.

05(477)—Ukrainian S. S. R.
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05(479 25)—Armenian S. S. R.
"Engineering" or what is the purpose of book reviews? V. B. Petrovskii. Sov. bibl. no. 1 46-49 '68

05(8)—South America
The first year of publication V. I. Stoliarov. Nov. 1 noveish. ist. no. 3 191-193 My-Je '68

06 ORGANIZATIONS ASSOCIATIONS. CONGRESSES. MUSEUMS

06.06 Exhibitions, competitions, examinations

"All for the good of mankind, everything in the name of mankind" B. Vinogradov. Stroil. tuboprov. 13 no. 8 36-38 Ag '68.

Anniversary exhibition: "Power Engineering" Pavilion. V. I. Babinskiy, V. M. Selezneva. Biul. stroit. tekhn. 29 no. 11 46-47 N '67.

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Automation on highways. V. A. Shifrin. Avt. dor. 31 no. 8 32 Ag '68.

"Building Materials" pavilion. A. M. Skoboleva. Biul. stroit. tekhn. 30 no. 3 43-45 Mi '68.

City electric transportation. Zhil. i kom. khoz. 18 no. 7 19-21 Ji '68.

Competition of young scientists. Vop. ekon. no. 10 154-155 O '68.

Conclusions on the International Exhibition of Municipal and Household Equipment of 1968 F. Shvelev. Zhil. i kom. khoz. 19 no. 8 16-17 Ag '68.

An exhibition inspired by Lenin ideas. Inform. biul. VDNKH no. 8 2-3 Ag '68.

Exhibits of the year 1968. Inform. biul. VDNKH no. 9 11-13 S '68.

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In foreign pavilions. M. Mishgof. Zhil. i kom. khoz. 19 no. 8 15 Ag '68.

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In the "Machine and Instrument Construction" Pavilion. V. Gerasimenko, V. Mednikov. Inform. biul. VDNKH no. 11 8-10 N '68.

"Izrybrom-68." A. Nazarov. Vnesh. torg. 48 no. 11 50-51 '68.

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International exhibition "Interorgtekhnik-68." B. N. Vinogradov. Stroil. tuboprov. 12 no. 12 29-31 D '68

Land of the soviets seen through the lens. Zhurnalst no. 12 8-11 D '67.

Lenin is with us. Inform. biul. VDNKH no. 9 11 S '68.

Metal-cutting machine-tools at the 23d International Industrial Fair in Flordiv. N. P. Kosov. Stan. i instr. 39 no. 6 36-40 Je '68.

Metallurgical plant from beyond the Arctic Circle is participating in the Exhibition of Achievements of the National Economy of the U. S. S. R. N. I. In Inform. biul. VDNKH no. 11 21-22 N '68

Mill "600" of the Kommunar'sk Plant. Inform. biul. VDNKH no. 11 24-25 N '68.

Modern laundry. Zhil. i kom. khoz. 19 no. 8 14-15 Ag '68.

Novelties in gas engineering. I. Makhovskii. Zhil. i kom. khoz. 19 no. 8 13-14 Ag '68.

One stand at the Exhibition of Achievements of the National Economy of the U. S. S. R. A. Larionova. Inform. biul. VDNKH no. 8 39-39 Ag '68.

Quality and profitability. S. G. Skobkin. Inform. biul. VDNKH no. 9 2-3 S '68.

Road building machinery. B. Filatov. Zhil. i kom. khoz. 19 no. 8 16 Ag '68.

This is for you, decorators L. Frolova. Inform. biul. VDNKH no. 8 14-15 Ag '68

Treasure house is open to all A. Bofaev. Inform. biul. VDNKH no. 11 4-7 N '68.

06.07 Various activities

Brief news. Zhur. Mosk. Patr. no. 4 3 '67.

06.07(431)—German Democratic Republic

"Delegations of German workers in the Soviet Union," a book by Claus Remei I. M. Kulyuch. Pyt nov ta novit ist. no. 5 180-183 '67

06.09 Historic, inaugural, commemorative celebrations

The chronicle of our holiday Zhurnalst no. 12 1-5 D '67

A holiday which is always with you... Nov. vrem. 26 no. 18 1-2 N '68.

A militant program of action Vech. sred. shkola 11 no. 5 3-5 S-O '68

06.09(471.310)—Moscow City

First anniversary of the October in Moscow K. F. Zaregina, L. A. Travina. Gos. khoz. Mosk. 12 no. 10 2-5 O '68

06.1 Institutions, associations, congresses, etc.

All-Union conference on condensed phosphates. D. Z. Seravotdinov. Zhur. VKHO 13 no. 8 580-591 '68.

An all-union conference on programmed insulation. Prot. tekhn. 23 no. 7 26 Ji '66.

All-Union Coordination Conference on Hydroinsulation and Anti-corrosion Protection of Equipment. O. A. Lukinskii. Gid. i mel. 20 no. 8 115-116 Ag '68.

At the international seminar. A. Migunov. Nar. obr. no. 4 104-105 Ap '68.

All-Union scientific and technical conference-discussion on the problem: "Technology of oil and gas-well cementing" A. Bulatov. Neft. khoz. 46 no. 9 71-72 S '68.

All-Union scientific and technical conference of workers in the by-product coke industry. Koks i khim. no. 8 1-6 '68.

All-Union combines at the "Izrybrom-68." Vnesh. torg. 48 no. 8 35 '68.

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All-Union Conference on Relaxation Phenomena in Polymers. I. V. Zelenov. Vysokom. soed. Ser. A 10 no. 10 2413-2422 O '68

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341.2(4/9 104)—Capitalist countries of the world
Instrument of peace and a tool of aggression. A. Davydin. Vop. Agitator no. 17 11-15 S '68

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343.294 Rehabilitation of criminals
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362.4 Welfare of physically handicapped
Leader, friend, and comrade. L. Lysenkova. Sots. obsep. 43 no. 10:4-7 O '68.
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362 4(471.232)—Leningrad City
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362 6 Welfare of aged, infirm and sick
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362.6(471.26)—Kaliningrad Province
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362 6(471.313)—Ryazan Province
Ten years later. G. Alekseeva. Sots. obsesp. 43 no.10
33 O '68.

362.6(471.326)—Tambov Province
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362 7 Child welfare: care, adoption, etc.

362 7(471.333)—Bryansk Province
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43 no.10 34-35 O '68.

367 Institutions for social intercourse. Clubs, etc

367(575.1)—Uzbek S.S.R.
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368.4(571.15)—Altai Territory
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368 48 Retirement, pension

368.48(471.24)—Novgorod Province
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368.48(471.65)—North Ossetian A.S.S.R.
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368.48(571.51)—Krasnoyarsk Territory
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368.48(571.53)—Irkutsk Province
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368.5 Agricultural insurance
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37(73)—United States of America
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I. U. Khanov. Agitator no. 17:46-48 S '68

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F. M. Ivanenko. Uch. zap. MGPI no. 289 302-320 '67

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370.17(477)—Ukrainian S.S.R.
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Experience in the education of future teachers. B. Liga. Nar. obr. no. 4:13-19 Ap '68.
First classes at the faculty for the improvement of qualifications. M. M. Mikhlin. Sred. spets. obr. 15 no. 5:5-7 My '68.
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The principal and the teacher. M. Zakharov. Nar. obr. no. 6:27-29 Jo '68.
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371.3(73)—United States of America
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371.6 Rules, Attendance, Prizes, Discipline
From the stores of pedagogical experience. V. Boltaev. Nar. obr. no. 4:46-47 Ap '68.
Let us consider our "difficult" students. L. Zimin. Prof. -tekh. obr. 23 no. 7:14-15 Ji '68.

371.6 Teaching and training rooms and equipment
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Self-preparation and control before practical training. I. M. Ryzhenko. Vest. vys. shkoly 26 no. 4:31-33 Ap '68.

371.7 School hygiene, Health, physical training, games
Clinical aspects of virus meningitis in children's collectives of Kiev. G. F. Kolesnikov. Poltomolit no. 2:110-115 '62.
Clinicopathological and virological characteristics of a poliomyelitis outbreak in a day nursery for enfeebled children. N. A. Chapurskaya-Bezhenova and others. Poltomolit no. 2:37-42 '62.
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371.7(471.41)—Tatar A. S. S. R.
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371.8 School life, Customs, Honors, uniform, etc.
Her old deeds of their fathers are in the hearts of the young. I. Sapakh. Prof. -tekh. obr. 23 no. 7:12 Ji '68.
Student conferences are in progress. V. P. Sheykhuk, M. S. Vasil'ev, V. M. Elinger. Vest. vys. shkoly 26 no. 4:78-79 Ap '68.
"What would I tell Lenin today?" S. Shamaeva. Nar. obr. no. 4:29-31 Ap '68.
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371.8(474.3)—Latvian S. S. R.
Along the paths of the war years. V. Iur'ev. Prof. -tekh. obr. 23 no. 7:12-14 Ji '68.

371.8(571.54)—Buryat A. S. S. R.
The instructor of a club. Ch. Budaev. Nar. obr. no. 6:83 Jo '68.

371.9 Education of special categories of pupils: handicapped, blind, deaf and dumb, etc.
371.9(41)—United Kingdom and Northern Ireland
Delegation of the All-Russian Society of the Blind in England. M. Deevnin. Sots. obesp. 43 no. 10:60-63 O '68.

371.9(471.232)—Leningrad City
Travel pass for life for the disabled veterans. V. Petrov. Sots. obesp. 43 no. 10:30-32 O '68.

372 Preschool and elementary or primary education
It concerns workers in public education. V. Vasov. Agitator no. 17:82 S '68.

373 Secondary education
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Qualified specialists should be trained in road transportation secondary technical schools. G. Efremov. Avi. i transp. 45 no. 6:49-51 S '68.
Soviet pedagogy: dedicated to the Teacher's Day. N. P. Pavlenova. Agitator no. 17:36-38 S '68.

373(575.1)—Uzbek S. S. R.
Happiness of a teacher. M. Sabol'ov. Part. zhizn' [Uzb.] 11 no. 6:78-79 Ag '68.

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Delegates to the 23d Congress of the CPSU are the guests of the students. V. Hkin. Prof. -tekh. obr. 23 no. 7:8 Ji '68.
Economic work in a school. A. I. Ippov. Prof. -tekh. obr. 23 no. 7:23-24 Ji '68.
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Every technical school should have a fully equipped laboratory. D. I. Chumpranov. Sred. spets. obr. 15 no. 5:2-4 My '68.
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In the Board of Personnel Training of the Central Statistical Administration of the U. S. S. R. Bukh. uchot 27 no. 6:79 Jo '68.
In the State Committee for Vocational and Technical Education attached to the Council of Ministers of the U. S. S. R. Prof. -tekh. obr. 23 no. 7:7 Ji '68.
Let us meet the new school year in an organized way! Prof. -tekh. obr. 23 no. 7:1-2 Ji '68.
The optimal extent of training needed for an adequate preparation of workers, a problem which has to be studied. L. Zvezdev. Prof. -tekh. obr. 23 no. 7:6 Ji '68.
Preparing for the hiring of young workers. N. Shil'nikov, N. Mikhayev. Prof. -tekh. obr. 23 no. 7:30 Ji '68.
A "technical" congress. B. Alzen. Prof. -tekh. obr. 23 no. 7:32 Ji '68.
Vocational orientation and sport guidance of students. K. K. Platonov, S. S. Greshenkov. Teor. i prak. fiz. kul't. 31 no. 5:40-41 My '68.

373.6(471.232)—Leningrad City
Pedagogical education of future vocational training instructors. A. Pishelov. Prof. -tekh. obr. 23 no. 7:21-22 Ji '68.

373.6(471.310)—Moscow City
School for salespeople. E. Chorvita. Sov. larg. 41 no. 9:32-34 S '68.

373.6(471.311)—Moscow Province
Technical creations of the students. I. A. Ushatinskii. Sred. spets. obr. 15 no. 5:31-33 My '68.

- 373 (471.315)—Ivanovo Province
The traditions of workers. A. Demidov, A. Khomutov. Prof.-tekhn. obr. 23 no. 7:9-10 JI '68.
- 373 (471.53)—Perm Province
A acquaint the student with various industrial specialties. L. Zhilvaikin. Prof.-tekhn. obr. 23 no. 7:5 JI '68.
- 373 (471.54)—Sverdlovsk Province
An important meeting of the section. Sred spets obr 15 no. 5:23-24 My '68.
- 373 (471.62)—Krasnodar Territory
Students of rural schools value technology. N. Kaluzhnyi. Nar. obr. no. 4:75-77 Ap '68.
- 373 (474.5)—Lithuanian S.S.R.
Increasing the use of technical aids in education. S. Maziulis. Sred spets obr 15 no. 5:10-12 My '68.
- 373 (477)—Ukrainian S.S.R.
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The use of fixed assets. P. Elemenko. Prof.-tekhn. obr. 23 no. 7:23 JI '68.
- 373.68 Agricultural training
A student work brigade. I. Pervin. Nar. obr. no. 4:78-81 Ap '68.
- 374 Further education. Private study. Adult education
First classes at the faculty for the improvement of qualifications. M. M. Mikhailov. Sred spets obr 15 no. 5:5-7 My '68.
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Narration in the 5th-8th grade. I. S. Petunina. Vech sred shkola 11 no. 5:50-52 S-O '68.
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- 374(471.313)—Ryazan Province
Progressive work experience for fitters and mechanics. A. Dornidontov. Prof.-tekhn. obr. 23 no. 7:24 JI '68.
- 374(497.2)—Bulgaria
Adult education in Bulgaria. V. G. Tarlev. Vech sred shkola 11 no. 5:85-90 S-O '68.
- 374(575.2)—Kirghiz S.S.R.
Evening schools of the Kirghiz S.S.R. A. Dzhanykulov. Vech sred shkola 11 no. 5:28-31 S-C '68.
- 374.4 Correspondence courses and schools
Gratifying results. V. M. Sorokin, A. Smirnova. Sots. obasp. 43 no. 10:14 O '68.
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- 374.4(571.63)—Irkutsk Province
Study by correspondence. E. Shishkin. Sots. obasp. 43 no. 10:10-11 O '68.
- 374.7 People's universities
All-Union association "Znanie" is preparing for Lenin's anniversary. M. N. Simonian. Vop. ist. KPSS no. 11:149-151 N '68.
- 378 Higher education. Universities, colleges, academies
A. M. Gor'kii and the Ural University. M. E. Glavitskii. Vest. vys. shkoly 26 no. 3:58-61 Mr '68.
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The concern of the whole staff. V. D. Smudkov. Vest. vys. shkoly 26 no. 3:68-70 Mr '68.
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We need the specialty of heat engineering. A. Popov. Vest. vys. shkoly 26 no. 4:86 Ap '68.
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- 378(431)—German Democratic Republic
Friendship between the Leningrad and Dresden polytechnical schools. V. A. Mikhailov. Vest. vys. shkoly 26 no. 4:67-68 Ap '68.
- 378(438)—Poland
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- 378(471.23)—Leningrad Province
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- 378(471.232)—Leningrad City
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- 378(471.24)—Novgorod Province
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- 378(471.26)—Kaliningrad Province
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- 378(471.310)—Moscow City
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- 378(474.3)—Latvian S.S.R.
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- 378(476)—White Russian S.S.R.
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- 378(477)—Ukrainian S.S.R.
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- 378(478)—Moldavian S.S.R.
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- 378(479.24)—Azerbaijan S.S.R.
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- 378(496)—European communist countries as a group
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- 378(571.10)—Tomsk Province
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- 378(571.55)—Chita Province
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- 378(574)—Kazakh S.S.R.
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- 378(597.7)—North Vietnam
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- 378(94)—Australia (Commonwealth)
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- 378.24 Academic dissertations
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- 378.24(574)—Kazakh S.S.R.
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- 380.11 Supply and demand
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- 380.12 Supplies and markets
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- 380.13 Market analysis and research
380.13(471.310)—Moscow City
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380.13(471.54)—Sverdlovsk Province
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- 380.16 Control of trade Trade registers. State trading
380.16(474.5)—Lithuanian S.S.R.
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- 381 Inland trade
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- 381(471.310)—Moscow City
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- 381(477)—Ukrainian S.S.R.
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- 381.1 Merchandise exchanges and markets
381.1(431)—German Democratic Republic
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- 381.4 Warehouses. Depots
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- 381.5 Retail trade. Stores
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534.22 Velocity of sound

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535 Optics. Light

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535.22 Velocity of light

- Velocity of sound as related to mass and chemical interaction energy. S. V. Nemilov. *Dokl. AN SSSR* 181 no. 6:1427-1428 '68.

535.3 Transmission. Absorption. Emission

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535.34 Absorption. Absorption spectra

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535.37 Luminescence. Fluorescence. Phosphorescence

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535.4 Interference, diffraction, etc.

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535.5 Polarization, double refraction, etc.

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536 Heat. Thermodynamics

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543 Analytical chemistry

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- Radioanalysis of aqueous solutions of potassium hydroxylamine disulfonate.** V. A. Sharpatiy, N. V. Zakatova. *Izv. AN SSSR. Ser. khim.* no. 10 2197-2203 O '68.
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- Use of oriented crystallization for plotting solidus lines in the system NaNO₃ - KNO₃.** A. N. Kirgizina, V. I. Kosikova. *Izv. AN SSSR. Ser. khim.* no. 10 2208-2213 O '68.
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- Study of arsenic in natural objects in the Tiflis vicinity.** I. A. P. Moseshvili, G. M. Dzokhadze. *Trudy Tbil. GU* no. 104 17-21 '64.
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- Annoying obstacles and what causes them.** I. Stucheva-kii. *Nar. khoz. Kazakh.* no. 8:87-88 Ag '68.
- 546,2 Nonmetals, metalloids of sixth and other groups**
- Action of carbon dioxide on peroxyhydrates of potassium and sodium carbonates.** I. I. Vol'nov, V. N. Chamaeva. *Izv. AN SSSR. Ser. khim.* no. 7 1615-1616 J1 '68.
- Biogeochemistry of sulfur in coals.** L. A. Kizil'shtein. *Khim. i tekhn. topol.* no. 5 3-13 S '68.
- Bond energies of carbon, hydrogen, and oxygen atoms in organic molecules with anhydrous yttrium oxide calculated from the heats of adsorption displacement.** I. R. Kosenko, A. A. Tolstolapova, V. A. Ferapontov. *Kin i kat.* 3 no. 3 339-342 My-Je '62.
- Calculation of adiabatic processes of helium.** L. I. Gol'man, I. U. V. Smolkin. *Teplotekhnika* 15 no. 7 56-61 J1 '68.
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- Change of enthalpy and heat capacity in the vanadium-silicon system.** I. U. M. Gol'tvin, T. M. Kozlovskaya. *Zhur. fiz. khim.* 36 no. 2 362-364 F '62.
- Conditions of d-electrons of admixed atoms of iron group in silicon.** A. B. Roitsin, L. A. Firshtat. *Teoret. i eksper. khim.* 2 no. 6 747-756 N-D '68.
- Degree of heating and discharge of water in sulfuric acid coolers.** L. A. Zhivaikina. *[Trudy] UNIKHIM* no. 10 115-121 '63.
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- Dissolution of selenium and tellurium in alkalies.** Z. Sh. Karaev and others. *Azerb. Khim. zhur.* no. 1 125-131 '62.
- Distribution of gas in hollow towers of sulfuric acid plants.** L. G. Ritter, P. M. Chepiga, A. I. Tefelov. *[Trudy] UNIKHIM* no. 10 162-168 '63.
- Effect of Fe²⁺ and V⁵⁺ on kinetics of the oxidation of U⁴⁺ with chlorate in perchloric and sulfuric acid solutions.** L. A. Fedorova, E. A. Kanevskii. *Kin i kat.* no. 3 332-335 My-Je '62.
- Effect of pretreatment of germanium surface on kinetics of catalytic dehydrogenation of isopropyl alcohol.** V. M. Frolov, E. K. Radzhabli. *Azerb. khim. zhur.* no. 6 47-52 '62.
- Electrodeposition of selenium and tellurium. Separation of small amounts of tellurium from selenium.** A. I. Alekperov, A. A. Mitozeva. *Azerb. khim. zhur.* no. 1 133-142 '62.
- Enthalpy of the formation of some amorphous carbon samples.** V. P. Kolesov, O. G. Talakhin, S. M. Skuratov. *Zhur. fiz. khim.* 42 no. 9 2307-2309 S '68.
- EPR in irradiated SiO₂ single crystals.** M. I. Samoilovich and others. *Radiochimia* 10 no. 4 506-507 '68.
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- Fluorine-containing β -sulfones. Report No. 30: Acidolysis of α -sulfoacetic acid derivatives.** L. I. Ragulin and others. *Izv. AN SSSR. Ser. khim.* no. 10 2304-2307 O '68.
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- Class formation and physicochemical properties of glasses of the system Sb - Ge - Se.** E. A. Egorova, V. F. Korotina. *Zhur. prikl. khim.* 41 no. 8 1200-1206 Je '68.
- Interaction of boron bromide with hydrazine and phenylhydrazine and phenylhydrazine.** O. N. Chikovan, N. I. Pirtskhalava. *Trudy Tbil. GU* no. 104 71-75 '64.
- Interaction of boron bromide with nitrobenzene and pyridine.** N. I. Pirtskhalava, O. N. Chikovan. *Trudy Tbil. GU* no. 104 65-69 '64.
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- Mass spectrometric study of chemically modified silica.** L. T. Zhuravlev, A. V. Kiselev, V. P. Naidina. *Zhur. fiz. khim.* 42 no. 9 2269-2275 S '68.
- Method for controlling partial pressure of oxygen in furnaces for firing ceramics by means of the semi-conductor element of resistance.** A. I. Leonov, A. B. Andreeva, E. K. Kaler. *Zhur. prikl. khim.* 41 no. 6 1340-1343 Jo '68.
- Method of proton magnetic resonance for studying conformations of some α -substituted vinylcarbonyl compounds.** N. N. Shupot'ko and others. *Teoret. i eksper. khim.* 2 no. 6 767-705 N-D '68.
- Microstructural study of the process of electrolytic polishing of silicon.** T. K. Ivanova, A. S. Lukovich. *Urb. khim. zhur.* 10 no. 6 33-37 '66.
- Negative ion of helium.** V. I. Bykova. *Priroda* no. 10 73-74 '68.
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- Optical properties of selenium-containing chemical compounds.** B. G. Gasanov, Z. D. Melikova. *Azerb. khim. zhur.* no. 6 75-80 '62.
- Organic coprecipitation agents. Part 17: Concentration and photometric determination of thorium in natural waters.** V. I. Kuznetsov, T. G. Akimova, O. P. Eliseeva. *Radiochimia* 4 no. 2 188-193 '62.
- Physicochemical properties of methanol solutions of beryllium sulfate and nitrate.** N. I. Pirtskhalava. *Trudy Tbil. GU* no. 104 41-48 '64.
- Polymers of germanium in alkaline solutions.** A. K. Babko, G. I. Gridchinn. *Ukr. khim. zhur.* 34 no. 9: 948-952 '68.
- Problem of the separation of macrobase in the analysis of high-purity germanium by the neutron-activation method.** I. D. Shuba, G. N. Ramanova, I. A. Vasil'ev. *Radiochimia* 10 no. 4 501-503 '68.
- Proton magnetic resonance spectra of some organylethoxysilanes.** V. A. Pestunovich and others. *Teor. i eksper. khim.* 4 no. 5 668-670 S-O '68.
- Rapid method of analyzing sulfates in an ethylenimine-copper plating electrolyte with nitrochromazo indicator.** F. I. Kotik, E. R. Kutueva. *Zav. lab.* 34 no. 1 33 '68.
- Reaction of vanadium with carbon monoxide.** E. N. Shchetnikov, G. P. Shvilkina, P. V. Gel'd. *Trudy Inst. khim. UFAN SSSR* no. 9 43-50 '66.
- Rearrangement of arsenic sulfides. Part 3: IU, F. Gatilov, M. G. Kravichkina. *Zhur. ob. khim.* 38 no. 8: 1798-1800 Ag '68.**
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- Separation of radioactive phosphorus from irradiated sulfur.** R. F. Brigeovich, R. A. Kuznetsov. *Radiochimia* 10 no. 4 487 '68.
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- Structure and mechanism of discharge and processes of ozone formation in ozonizers. Part 1.** I. U. M. Kiselev, V. G. Babatun, Z. G. Aliev. *Zhur. fiz. khim.* 42 no. 0 2235-2239 S '68.
- Study of catalytic decomposition of hydrogen peroxide in the presence of chromium, molybdenum, and tantalum salts.** Sh. S. Sharashenidze, M. N. Kobidze. *Trudy Tbil. GU* no. 104 185-191 '64.
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- Study of the system Fe₂O₃ - B₂O₃ - H₂O within 250°-600°C range.** T. A. Giger'eva, A. V. Nikolaev. *Dokl. AN SSSR* 181 no. 6 1381-1384 '68.
- Synthesis of ferrocenylborane and 1,1'-ferrocenylendiboric acids.** A. N. Neamolanov, V. A. Sazonova, N. E. Sazonova. *Izv. AN SSSR. Ser. khim.* no. 10 2371-2372 O '68.
- Technological conditions of the work of nitrore coolers of the tower method for manufacturing sulfuric acid.** L. A. Polubotkova, L. A. Zhivaikina. *[Trudy] UNIKHIM* no. 10 133-136 '63.
- Ternary system LiCl - KCl - TeO₂ in melts.** T. G. Rustamov, A. I. Alikperov, E. A. Gaidarova, A. A. A. khim. zhur. no. 4 57-64 '62.
- Use of radioactive apparatus in the sugar industry.** S. Rovinskii. *Sakh. prom.* 42 no. 10 72-73 O '68.
- Use of ultrasound for the extraction of boron and actin from solutions.** L. V. Gorbushina, V. G. Gintalskii, V. G. Tyminskii. *Radiochimia* 10 no. 4 495-496 '68.
- 546,3 Metals**
- Action of carbon dioxide on peroxyhydrates of potassium and sodium carbonates.** I. I. Vol'nov, V. N. Chamaeva. *Izv. AN SSSR. Ser. khim.* no. 7 1615-1616 J1 '68.
- Apparatus-technological design of a dry method for manufacturing sodium pyrosulfite in the reactor with fluidized bed.** I. G. Blizhner, A. G. Larushchikina. *[Trudy] UNIKHIM* no. 10 58-71 '63.
- Comparative study of potassium and sodium chloride.** Report 1. G. V. Labutin, F. P. Vershchagina, I. R. Ivanova. *Azerb. khim. zhur.* no. 6 95-99 '62.
- Concentration dependences of mean atomic volumes of the oxides of transition metals of IVa and Vb subgroups.** G. P. Shvelkin and others. *Zhur. fiz. khim.* 42 no. 0 2178-2183 S '68.
- Decomposition of ammonia on manganese-iron alloys.** I. U. N. Artukh, N. A. Boldyreva. *Ukr. khim. zhur.* 34 no. 9 974-976 '68.
- Determination of formation heats of potassium, rubidium, and cesium hexabromotellurates.** B. D. Stepin and others. *Zhur. fiz. khim.* 42 no. 9:2330-2332 S '68.
- Determination of sodium in niobium, tantalum, and tungsten by the method of flame photometry.** N. V. Batusova, G. A. Roshchikova. *Trudy Inst. khim. UFAN SSSR* no. 10 103-106 '66.
- Development of a new flow sheet of the continuous production of molten sodium sulfide with the utilization of shaft type furnaces.** I. U. S. Shmelev and others. *[Trudy] UNIKHIM* no. 10 90-97 '63.
- Effect of the impurities of some ammonium salts on thermal decomposition rate of dibasic sodium phosphates.** N. M. Dombrovskii, R. N. Dombrovskaya. *Izv. vya ucheb. zav. khim. i khim. tekhn.* 11 no. 7 748-752 '68.
- Enthalpy of the formation of sodium zirconium silicate Na₂ZrSiO₆.** V. G. Chudikantsev, E. V. Shibanov. *Zhur. fiz. khim.* 42 no. 9 2315-2317 S '68.
- Gas suction from a shaft furnace of sodium sulfate by a fan.** I. U. P. Karotnikov, V. G. Boloborodov. *[Trudy] UNIKHIM* no. 10 83-89 '63.
- Infrared absorption spectra and structure of tertiary lithium butylate in electron-donor solvents.** A. P. Simonov and others. *Teoret. i eksper. khim.* 2 no. 6 834-836 N-D '68.
- Interaction kinetics of sodium and potassium carbonates with vanadium pentoxide.** A. A. Fotiev, N. V. Kiselev. *Trudy Inst. khim. UFAN SSSR* no. 9 83-90 '66.
- Interaction of vanadium pentoxide with sodium chloride and behavior of forming vanadium-containing compounds in various liquid media.** B. V. Slododin, A. A. Fotiev. *Trudy Inst. khim. UFAN SSSR* no. 9 87-93 '66.
- Kinetics of the formation of vanadium bronze NaVO₃ in the interaction of sodium chloride and vanadium pentoxide.** A. A. Fotiev, B. V. Slododin. *Trudy Inst. khim. UFAN SSSR* no. 9 65-71 '66.
- Mechanism of pigmentary lubricants stabilization by lithium adipate.** E. M. Oparina and others. *Khim. i tekhn. topol. i masol* 13 no. 9 21-24 '68.
- Mechanism of potential determining reactions on copper electrodes in sodium carbonate solutions.** V. I. Mishin, N. A. Parpiev. *Uzb. khim. zhur.* 10 no. 6 43-49 '66.
- New peroxyhydrate Ni₂F₂H₂O₂.** T. A. Dobrynya, I. I. Vol'nov, N. A. Akhapiina. *Izv. AN SSSR. Ser. khim.* no. 7 1617-1618 J1 '68.
- Phase and structural special features of cubic oxides and carbides of the IV and V group transition materials and their relationship with electron structure.** V. A. Tskhai, P. V. Gel'd. *Trudy Inst. khim. UFAN SSSR* no. 9 3-8 '66.
- Phase diagram of the system NaVO₃ - KVO₃.** A. A. Fotiev, M. P. Gazyrin, L. L. Suraf. *Trudy Inst. khim. UFAN SSSR* no. 9 73-75 '66.
- Physicochemical transformations of the components in studying diagram of NaCl - V₂O₅.** B. V. Slododin. *Trudy Inst. khim. UFAN SSSR* no. 9 77-81 '66.

- Polymerization of the solubility of four internal sections of quaternary aqueous mutual system from sodium borates and iodides and potassium borates and iodides. A. I. Dzhabarov, A. I. Agayev, Azerb. khim. zhur. no. 6-8-88 '62
- Radioanalysis of aqueous solutions of potassium hydroxylamine disulfonate. V. A. Shapalyi, N. V. Zakatova. Izv. AN SSSR, Ser. khim., no. 10, 2197-2203 O '68
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- Solubility isotherm of the ternary system $\text{CaCl}_2\text{--LiCl--H}_2\text{O}$ at 25°C. A. I. Shepelov. Uch. zap. Mord. gos. un. no. 16-57-61 '62
- Solubility of ammonium metavanadate. V. G. Bamburov, A. A. Ivakin. Trudy Inst. khim. UFAN SSSR no. 10: 25-30 '66
- Some regularities of the formation of three-component incorporation phases in the systems Me - C - N, Me - C - O, Me - N - O with the presence of transition metals of IV and V groups. G. P. Silvelkin, S. I. Alimovskii, P. V. Gel'd. Trudy Inst. khim. UFAN SSSR no. 9: 9-16 '68
- Study of the formation conditions of sodium molybdate. A. A. Potiev, A. N. Tukanov. Trudy Inst. khim. UFAN SSSR no. 9: 99-106 '66
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- Thermodynamic calculation of some reactions possible in the system $\text{NaCl--V}_2\text{O}_5$. D. V. Slodochin. Trudy Inst. khim. UFAN SSSR no. 9: 61-65 '66
- Using the method of EPR for studying the thermodynamic properties of oxides. I. A. I. Gerasimov and others. Zhur. fiz. khim., 48 no. 2: 558-561 T '62
- 546.4 Metals of the second group. Alkaline earths**
- Coprecipitation of indicator quantities of beryllium with iron hydroxide, lithium carbonate, and formate oxide of aluminum from lithium chloride solutions. A. I. Soyushtanov, N. P. Rudenko. Radiokhimiya 10 no. 4: 407-410 '66
- Cross-linking of nitrile-butadiene rubber by hydrogen sulfide in the presence of sulfur. A. P. Nomanov, G. A. Blokh, T. I. Lazarevich. Izv. vuz. ucheb. zav., khim. i khim. tekhn. II no. 7: 620-631 '62
- Diffusion of strontium 90 in soil and sand. V. M. Prokhorov. Radiokhimiya 4 no. 2: 205-213 '62
- Effect of different stable strontium compound forms on the uptake of strontium-90 in plant in relation to phosphorus and calcium nutrition conditions. N. M. Shandchenko. Vest. Mosk. un. Ser. G: Biol. pochr., 23 no. 4: 100-109 JI-Ag '68
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- Inversion of convective flow in nodic dissolution of zinc. N. S. Fedorova, N. M. Kuleshova. Zhur. fiz. khim., 42 no. 9: 2262-2264 S '68
- Ion exchangers on zirconium base. Part 2: Using zirconyl oxalate for the determination of Sr⁹⁰ by daughter ⁹⁰Y in seawater samples. Radiokhimiya 4 no. 2: 108-205 '62
- Kinetics of decomposition of calcium peroxide diperoxhydrate. A. B. Tsentsepin, R. P. Vasil'eva. Izv. AN SSSR, Ser. khim., no. 7: 1437-1443 JI '68
- Losses of copper and zinc at hydro-removal of the cluder of flotation pyrite. A. I. Fefolov, V. P. Pichugina. [Trudy] UNIKHIM no. 10: 159-161 '63
- Measurement of the saturated vapor pressure of strontium chloride. I. I. Naryshkin, V. I. Glazov, V. M. Kalitina. Zhur. prikl. khim., 41 no. 6: 1329-1332 Jc '68
- Phase analysis of zinc. I. U. S. Lialikov, M. I. Klovskaja. Ukr. khim. zhur., 34 no. 9: 904-907 '68
- Photocatalytic properties of zinc oxide in the reduction of methylene blue. I. N. Baishevskii. Zhur. fiz. khim., 38 no. 2: 330-372 T '62
- Possibility of polarographic determination of copper and cadmium in the presence of niobium and tantalum. D. I. Kurbatov, S. A. Pavlova. Trudy Inst. khim. UFAN SSSR no. 10: 87-96 '68
- Properties of organomercury fulminates. M. V. Kashutina, O. U. Okhlobystin. Izv. AN SSSR, Ser. khim., no. 10: 2311-2314 O '68

- Study of the extraction of thiocyanate complexes of alkaline earth metals. F. P. Gorbunov, E. D. Kuchkina, M. I. Olevisnik. Zhur. anal. khim., 23 no. 9: 1301-1306 S '68
- Thermal decomposition of diperox hydrates of strontium and barium peroxides. A. B. Tsentsepin, R. P. Vasil'eva. Izv. AN SSSR, Ser. khim., no. 7: 1610-1612 JI '68
- 546.5 Copper, silver and gold group**
- Change of dielectric properties of silver oxalate and silver nitrate in radiolysis and thermal decomposition. V. K. Zhuravlev and others. Zhur. fiz. khim., 42 no. 9: 2213-2247 S '68
- Copper and silver acetylides in organic synthesis. A. M. Sladko, I. U. Ukhin. Usp. khim., 37 no. 10: 1750-1783 O '68
- Dependence of vaporization entropy on atomic number of element. L. I. Ivanova. Zhur. ob. khim., 38 no. 9: 1913-1916 S '68
- Determining silver on solid electrodes by the alternating current polarographic method. I. U. S. Lialikov, L. G. Madan. Zav. lab. J4 no. 1: 8-9 '68
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581.2 Plant diseases, injuries, malformations, pests

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581.2 (57)—Asiatic U. S. S. R.

- Strains of wheat-leaf rust in Kazakhstan and Western Siberia in 1964 and 1965. G. N. Kulikova, A. N. Borisenko. *Vest. sel'khoz. nauki [Kazakh.]* II no. 7 99-100 JI '68

581.3 Embryology

- Characteristics of infructescence in the pineapple guava. G. B. Gvasalia. *Subtrop. kul't.* no. 4:78-82 '68
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- Possibility of species determination by *Pinus pumila* Bgl. pollen. G. G. Kartashova. *Bot. zhur.* 53 no. 8: 1112-1118 Ag '68
- Spermatogenesis in *Rhododendron mucronulatum* Turcz. L. A. Iakobson. *Nauch. dokl. vyzh. shkoly, biol. nauk* II no. 8 65-71 '68
- Study of histones of dormant and germinating wheat embryos. L. V. Gofshstein. *Biokhimiya* 33 no. 4: 823-830 JI-Ag '68

581.3 (479, 24)—Azerbaijan S. S. R.

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581.4 Morphology

- Causes of low germination rate in some hawthorn species. N. M. Solov'eva. *Nauch. dokl. vyzh. shkoly, biol. nauk* II no. 10 55-58 '68
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- Double flowers on fruit trees. P. D. T. Bushenko. *Bot. zhur.* 53 no. 8:1128-1137 Ag '68
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- Study of life forms of plants for the purpose of phytocology. V. N. Golubev. *Bot. zhur.* 53 no. 8 1095-1093 Ag '68
- Vacuolization in differentiating protoplast elements of *Picea abies* (L.) Karst. roots. I. U. Gamalet, Bot. zhur. 53 no. 8 1117-1148 Ag '68

581.4 (477, 9)—Crimea

- Morphogenesis of monodominant semishrubs of the Crimean mountain pastures. V. N. Golubev. *Bot. MOIP. Otd. biol.* 73 no. 4 63-71 JI-Ag '68

581.5 Ecology

- Adaptation of plant communities to light intensity and its mathematical modeling. H. Tooming. *Zhur. ob. biol.* 29 no. 5 549-563 S-O '68
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- New adventive plants along the Volga River and its flood plain. M. I. Kotov. *Bot. zhur.* 53 no. 8:1157-1159 Ag '68
- Shift of phenologic phases of *Pinus sibirica* (Rupr.) Mayr in the surface relief, altitude belts, and forest types. S. N. Seryogev. *Vest. sel'khoz. nauki [Kazakh.]* II no. 7:77-82 JI '68
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581.5 Ecology

- 581.5 (262)—Mediterranean Sea, including Adriatic and Aegean Seas
- Composition and distribution of phytoplankton in the eastern part of the Mediterranean Sea. N. P. Mikhailova. *Bot. zhur.* 53 no. 8 1120-1127 Ag '68

581.5 (471, 52)—Bashkir A. S. S. R.

- Wood and field vegetation of the Buy-Tanyu interfluvio of small ridges in Bashkiria. R. G. Minbaev. *Uch. zap. BGU(Ufa)* no. 19:3-16 '64

581.5 (471, 6)—Northern Caucasus

- Restitution of vegetation in subalpine meadows of the Northwestern Caucasus. I. P. Varenik. *Bot. zhur.* 53 no. 8:1153-1157 Ag '68
- Vegetation of rapidly changing eastern Caucasian Lowland and its representation on small-scale maps of different years. L. V. Shiffers. *Bot. zhur.* 53 no. 8: 1148-1152 Ag '68

581.5 (571, 512)—Evenki National District

- Mountain tundras of the Khatanga basin (Evenki National District). O. N. Mironenko. *Bot. zhur.* 53 no. 8 1004-1100 Ag '65

581.5 (571, 54)—Buryat A. S. S. R.

- New and rare hydrophytic species in Transbaikalia. B. I. Dolopova, Z. F. Vladimirova. *Bot. zhur.* 53 no. 8: 1152-1153 Ag '68

581.5 (571, 68)—Kamchatka Province

- Originality of flora and plant communities in the meadows of Kamchatka. K. D. Stepanova. *Komar. chten. (DVFAN)* no. 10:3-22 '62

581.5 (575)—Central Asia

- Some characteristics of the connection of vegetation with the aridization of soil-forming rocks in Ustyurt. L. D. Polikarpova. *Uch. zap. MGPI* no. 257:215-228 '67

581.6 Economic or applied botany

- Resolution of the conference on the protection of botanical objects. *Bot. zhur.* 53 no. 8:1184-1187 Ag '68

581.8 Plant histology

- Celatinized layers in the walls of sieve elements of cluster pine. L. I. Lolova. *Vest. Mosk. un. Ser. 6: Biol. pochv.* 23 no. 3:90-94 My-Je '68

581.9 Phytogeography

- 581.9 (574)—Kazakh S. S. R.
- Geobotanical indicators of geochemical facies of the crust of weathering in the gypsum deserts of the northern Aral Sea region. S. V. Viktorov. *Bot. MOIP. Otd. biol.* 73 no. 1:72-77 JI-Ag '68
- 581.9 (575)—Central Asia
- Establishing the place of the legendary area of Zhitdoli-Batum according to botanical data. S. I. Sagitov. *Sov. otn.* no. 1:130-133 Ja-F '68

582 Plant taxonomy

- Manifestation of heterosis in hybrids of spring barley depending on growing conditions. P. P. Garkavay, V. B. Bashkiranova. *Dokl. Akad. sel'khoz. nauk.* no. 5 2-4 My '67

582 (574)—Kazakh S. S. R.

- Change in some physiological indices of cucumbers under the effect of pesticides. A. G. Balaeva. *Vest. sel'khoz. nauki [Kazakh.]* II no. 7 101-11 '68

582.2 Spore plants

- Amino acid composition of *Ahnfeltia plicata*. E. L. Medvedeva, S. V. Kravt'nikova. *Gidrobiol. zhur.* 4 no. 4:58-57 '68
- Biology of *Polyporus betulinus* Fr. P. A. Saverev. *Bot. MOIP. Otd. biol.* 73 no. 4 78-91 JI-Ag '68
- Characteristics of nitrogen and phosphorus nutrition of *Aphanizomenon flos-aque* under natural conditions. V. P. Pomilukho. *Gidrobiol. zhur.* 4 no. 4:18-22 '68
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- Papillomatosis with hyperkeratosis of the rumen in rats after feeding on grain infected by *aportrichella*. Bial var. poae (Pik) Bial. I. U. I. Rubinshtein, I. P. Kukol', V. P. Kudanova. *Vop. pit.* 26 no. 6:67-66 N-D '67
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- Using *Chlorella* as food for fish. L. M. Antayshkina and others. *Gidrobiol. zhur.* 4 no. 4:11-17 '68

582.2 (479, 25)—Armenian S. S. R.

- Literature on the algoflora of the Armenian S. S. R. N. N. Tamblan. *Uch. zap. Erev. un.* 97:59-65 '65
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582.2 (540)—India

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582.2 (575)—Central Asia

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582.4(571.61)—Amur Province

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59 ZOOLOGY

591 General zoology. Animal biology

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591.6(471.341)—Gorky Province

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591.8 Animal histology

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- Characteristics of the blood supply of the liver of the human fetus. G. E. Vsevolodov. *Arkh. anat., gist. i embr.* 55 no. 9 34-40 '68
- Characteristics of water absorption in an isolated small intestine loop. V. M. Bulatova. *Vop. pit.* 26 no. 6 82-83 N-D '67
- Dietary energy expenditure in metal workers. A. P. Borisov and others. *Vop. pit.* 26 no. 6 25-31 N-D '67
- Effect of microwaves on the nucleic acid content in digestive organs. K. G. Vibe, V. R. Faltberg-Blank. *Vest. AN Kazakh. SSR* 24 no. 3 40-42 Mr '68
- Effect of trichothecin and phthalacetoxymycin on enterokinase secretion by the intestines. L. A. Molodkova, A. L. Gorbunov. *Antibiotiki* 13 no. 10 911-912 O '68
- Evaluation of methods for the determination of the biological value of nutritional proteins. G. Rafail'skiy, E. Nogai, V. Ponomarenko. *Vop. pit.* 26 no. 6 14-20 N-D '67
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- Functional interrelations of trophic and secretory processes in the pancreas and salivary glands. N. P. Samoshkin. *Fiziol. zhur.* 54 no. 8 961-965 Ag '68
- Morphology of the lymphatic system of the mucosa of the papillary part of the tongue in some mammals and man. M. A. Kolesov. *Arkh. anat., gist. i embr.* 55 no. 9 11-16 '68
- Supplying the organism of athletes with vitamin A. I. M. Borisov. *Teor. i prak. fiz. kul't.* 31 no. 5 34-35 My '68
- Water spaces in the organism, secretion of the digestive glands, and diuresis. B. E. Esipenko, A. P. Kostromina. *Fiziol. zhur.* 54 no. 8 966-970 Ag '68
- 612.4 Glandular physiology. Secretion. Excretion**
- Changes in the protein composition of the blood serum in intact and hypophysectomized rats under the effect of prolonged introduction of somatotrophic hormone. A. I. Driksin, S. G. Gaganov, A. M. Barenblum. *Pat. fiziol. i eksp. terap.* 12 no. 5 70-71 S-O '68
- Effect of glutamic acid on the function of the thyroid gland and some metabolic indices. I. U. Okorokova, K. V. Mukhorina, M. S. Volkov. *Vop. pit.* 26 no. 6 20-25 N-D '67
- Effect of gonadotropic, lactogenic and sex hormones on lactation. B. R. Gotsulenko. *Fiziol. zhur.* 54 no. 8 971-978 Ag '68
- Effect of partial decortication of cerebral hemispheres on some endocrine reactions in different rodent species. I. I. Ivanova. *Nauch. dokl. vys. shkoly, biol. nauk* 11 no. 6 38-41 '68
- Effect of the thyroid gland on phagocytosis. V. M. Meshkov. *Pat. fiziol. i eksp. terap.* 12 no. 5 69-70 S-O '68
- Effect of vagotomy on excretory processes of the stomach in irradiated dogs. A. P. Zakharin. *Uch. zap. Erev. un.* 97 141-146 '65
- Hemostimulating effect of ambunol. I. S. Pokotinskii. *Vop. pat. krovi i krovoobr.* no. 8 190-195 '68
- Morphology of the lymphatic system of the mucosa of the papillary part of the tongue in some mammals and man. M. A. Kolesov. *Arkh. anat., gist. i embr.* 55 no. 9 11-16 '68
- Reaction of lymphoid tissue on the introduction of mitochondrial lympho- and hemocytotoxic serum. G. R. Magometov. *Pat. fiziol. i eksp. terap.* 12 no. 5 47-51 S-O '68
- Reactive changes in cellular elements of porous connective tissue and hemopoietic organs under the effect of benzene. L. V. Melnikova. *Arkh. anat., gist. i embr.* 55 no. 9 47-55 '68
- Studying the function of the thyroid gland in athletes under the conditions of physical stress. S. P. Letunov, V. K. Modestov, I. M. Plesheva. *Teor. i prak. fiz. kul't.* 31 no. 6 34-36 Je '68
- Surgery for the removal of the thymus gland in lambs. T. A. Dmitrieva, V. M. Meshkov. *Fiziol. zhur.* 54 no. 8 987-988 Ag '68
- Thymus gland in geese, ducks, turkeys and its functional role. M. E. Filipenko. *Dokl. Akad. nauk* no. 8 34-35 My '67
- Water spaces in the organism, secretion of the digestive glands, and diuresis. B. E. Esipenko, A. P. Kostromina. *Fiziol. zhur.* 54 no. 8 966-970 Ag '68

612.5 Animal heat. Body temperature

- Calculation of temperature changes originating in tissues during thermal burns. N. M. Anichkov. *Pat. fiziol. i eksp. terap.* 12 no. 4 77-79 Ji-Ag '68
- Changes in the temperature of the liver, rectum and skin in dogs with pyrogenal fever. B. I. Kadykov, S. I. Lutinitskiy. *Pat. fiziol. i eksp. terap.* 12 no. 4 67-50 Ji-Ag '68
- Continuous diurnal temperature curve as one of the indices of the reactivity of the body. R. S. Ivanov, E. N. Ku'janova-Lanchenko. *Vop. pat. krovi i krovoobr.* no. 8 100-110 '68
- Correlation of data of direct and indirect calorimetry following an acute brief hypoxia. E. S. Gramenitskaya. *Pat. fiziol. i eksp. terap.* 12 no. 5 13-16 S-O '68
- Noninfectious (diencephalic and endocrine) hyperthermia. R. S. Ivanov. *Vop. pat. krovi i krovoobr.* no. 8 42-56 '68
- Reaction of the vessels in dog's extremities to the increase of blood temperature. I. A. Manuilov. *Fiziol. zhur.* 54 no. 8 930-936 Ag '68
- Thermoregulation during rest and under some routine loads in healthy persons. R. S. Ivanov. *Vop. pat. krovi i krovoobr.* no. 8 23-30 '68
- 612.6 Reproduction. Development. Growth. Aging. Death**
- Acceleration of pubescence and motor activity in adolescents. I. M. Arestov. *Teor. i prak. fiz. kul't.* 31 no. 8 44-47 Ag '68
- Changes in the reproductive function in animals thyro-recomized at sexually immature and mature ages. M. V. Makarenko. *Fiziol. zhur.* [Ukr.] 14 no. 4 490-503 Ji-Ag '68
- Controversial problems of aging of the skeleton. B. A. Nikituk. *Ortop., travm. i protez.* 29 no. 10 1-9 O '68
- Effect on gonadotropic, lactogenic and sex hormones on lactation. B. R. Gotsulenko. *Fiziol. zhur.* 54 no. 8 971-978 Ag '68
- Functional state of the heart in animals of different ages in various periods of development of atherosclerosis. M. M. Hovlev, L. P. Chechaskiy. *Fiziol. zhur.* [Ukr.] 14 no. 4 435-444 Ji-Ag '68
- Old age, atherosclerosis, and work capacity. V. A. Val'dman. *Vop. pat. krovi i krovoobr.* no. 8 18-22 '68
- Plasmaalbumin as a link in the system of liver growth control. V. A. Konyshev. *Dokl. AN SSSR* 182 no. 2 477-479 '68
- Regeneration and hypertrophy. L. V. Polovynov. *Arkh. anat., gist. i embr.* 55 no. 9 70-75 '68
- 612.7 Organs of movement. Voice. Skin**
- Construction of the canal of the transverse processes of the cervical vertebrae. M. M. Drozdova. *Arkh. anat., gist. i embr.* 55 no. 9 16-21 '68
- Controversial problems of aging of the skeleton. B. A. Nikituk. *Ortop., travm. i protez.* 29 no. 10 1-9 O '68
- Correlation of motor and vestibular analyzers in school-age children. O. P. Panfilov. *Teor. i prak. fiz. kul't.* 31 no. 6 42-43 Je '68
- Effect of solutions of lead nitrate on the electric potential of the nerve. Z. F. Bolko, V. S. Panfiov, N. Esenulova. *Vest. AN Kazakh. SSR* 24 no. 9 54-58 S '68
- Effect of sport gymnastics on the precision of the reproduction of movements by schoolchildren. L. N. Danilina. *Teor. i prak. fiz. kul't.* 31 no. 6 47-50 My '68
- Effect of thymectomy on mineral and protein metabolism in calcified tissues in rats. V. I. Averchenko. *Pat. fiziol. i eksp. terap.* 12 no. 4 50-54 Ji-Ag '68
- An electrophysiological study of the mental apprehension of movements in gymnasts. F. B. Sologub, V. I. Sokun. *Teor. i prak. fiz. kul't.* 31 no. 5 28-31 My '68
- Evaluation of special methods for the development of muscle strength in weightlifters and wrestlers. A. V. Cherniuk. *Teor. i prak. fiz. kul't.* 31 no. 6 2-5 Je '68
- Forms of the exhibition of speed in sprinting. D. P. Ionov, G. I. Cherniaev. *Teor. i prak. fiz. kul't.* 31 no. 8 67-70 Ag '68
- Intervention of the synovial membrane of the knee joint: experimental study. L. A. Naval'eva. *Ortop., travm. i protez.* 29 no. 10 80-83 O '68
- Methodology and first results of a study of the mobility of the spine in walking. V. E. Bisen'ki. *Ortop., travm. i protez.* 29 no. 10 25-31 O '68
- Methodology of determining calcium in osseous tissue. A. F. Grishilo, M. V. Shubinets. *Lab. delo* no. 10 621 '68
- Respiratory movements of a deaerated extremity. I. I. Dvorzhak. *Fiziol. zhur.* 54 no. 8 919-922 Ag '68
- Role of the proprioceptive sensitivity of the forefinger's muscles in marksmen during rifle practice. M. A. Nikis, *Teor. i prak. fiz. kul't.* 31 no. 5 31-34 My '68
- "Shock" method of the development of "explosive" strength. I. U. Varkhoshanskiy. *Teor. i prak. fiz. kul't.* 31 no. 8 59-63 Ag '68
- Sound stimulation in sprinting. B. I. Butenko and others. *Teor. i prak. fiz. kul't.* 31 no. 8 29-31 Ag '68
- Speed and accuracy of complex motor reaction depending on the changing objectives of work. I. A. Kiselev, L. N. Radchenko. *Teor. i prak. fiz. kul't.* 31 no. 8 11-13 Je '68
- Typological changes in the swiftness of motor reaction after a training load. N. D. Sinani. *Teor. i prak. fiz. kul't.* 31 no. 8 41-44 Ag '68

612.8 Nervous system. Sense organs

- Active reactions of capactive vessels and their role in hemodynamic changes. B. I. Tkachenko and others. *Fiziol. zhur.* 54 no. 8 917-924 Ag '68
- Ascending effects of "reticular" neurons of the giant cell nucleus of the medulla oblongata in a frog. L. D. Karpenko, O. G. Chotian. *Dokl. AN SSSR* 181 no. 6 1517-1519 '68
- Change in temperature balance and electric activity of the sensorimotor region of the cerebral cortex following stimulation of interoceptors. A. I. Karaev, A. I. Dzhalilov. *Dokl. AN Azerb. SSR* 24 no. 6 69-72 '68
- Characteristics of neurons of the central nervous system of the freshwater gastropod *Planorbis cornus*. I. V. Torshina and others. *Fiziol. zhur.* [Ukr.] 14 no. 4 455-471 Ji-Ag '68
- Comparative effect of polarization of the reticular formation and the amygdaline complex in anesthetized rabbit. M. A. Riabinina. *Fiziol. zhur.* 54 no. 8 906-912 Ag '68
- Comparative physiological and genetic study of complex behavior forms (extrapolation capacity) in animals. L. V. Krushinskii and others. *Vest. Mosk. un. Ser. 6 Biol. pochv.* 23 no. 3 8-19 My-Je '68
- Correlations of the cerebral cortex and subcortical formations in the reaction to hypoxia. E. L. Golubeva, S. N. Khutulin. *Fiziol. zhur.* 54 no. 8 881-892 Ag '68
- Cytochemical differences in afferent and efferent neurons. S. Kuglov. *Arkh. anat., gist. i embr.* 55 no. 9 41-47 '68
- Depression of slow negative potentials of cortical surface as affected by analgesics. A. I. Roibak. *Dokl. AN SSSR* 182 no. 2 483-486 '68
- Effect of partial decortication of cerebral hemispheres on some endocrine reactions in different rodent species. I. I. Ivanova. *Nauch. dokl. vys. shkoly, biol. nauk* 11 no. 6 38-41 '67
- Effect of prolonged stimulation of the vagus nerve on myocardial electrolyte metabolism. I. F. Goshchik. *Pat. fiziol. i eksp. terap.* 12 no. 4 34-36 Ji-Ag '68
- Effect of salt and volcanic mud on the electric activity on the cerebral cortex and some subcortical formations. A. I. Karaev and others. *Vest. AN Azerb. SSR Ser. Biol. nauk* no. 1 123-131 '68
- Effect of strychnine on the electric activity of neurons of the visual lobes of the brain in frogs. O. G. Chotian, V. F. Kravchenko. *Fiziol. zhur.* 54 no. 8 913-918 Ag '68
- Electrical responses of strychninized auditory cortex in cats. O. F. Demchenovskiy, V. A. Troshikhin. *G. A. Tsinan. Fiziol. zhur.* 54 no. 8 877-883 Ag '68
- Electrographic reflection of conditioned response to time in man. M. Bonfatto. *Nauch. dokl. vys. shkoly, biol. nauk* 11 no. 6 42-44 '68
- Electrophysiological analysis of the effect of serotonin on the sympathetic ganglia following changes in the level of blood sugar. I. U. P. Pushkarev, L. Paakalova-Stoenescu. *Fiziol. zhur.* 54 no. 8 955-960 Ag '68
- Functional organization of the system of Purkinje cells in frog's cerebellum. Pham Huy Hoa. *Fiziol. zhur.* 54 no. 8 959-965 Ag '68
- Intervention of the synovial membrane of the knee joint: experimental study. L. A. Naval'eva. *Ortop., travm. i protez.* 29 no. 10 80-83 O '68
- Interlinking of changes in functional state indices of the neuromuscular preparation in frog. L. K. Rosenzweig. *Nauch. dokl. vys. shkoly, biol. nauk* 11 no. 6 45-49 '68
- Interpretation of a chromostereoscopic effect. L. Sh. Volkonskiy. *Dokl. AN SSSR* 182 no. 2 459-461 '68
- Intracellular and pharmacological study of evoked waves in the frog olfactory bulb. K. G. Gusevskiy and others. *Nauch. dokl. vys. shkoly, biol. nauk* 11 no. 10 28-34 '68
- Mechanisms of reticulocortical activation. A. I. Supin. *Fiziol. zhur.* 54 no. 8 893-898 Ag '68
- Method of brief recording of electroencephalographic examinations. V. M. Syntskiy. *Fiziol. zhur.* [Ukr.] 14 no. 4 571-572 Ji-Ag '68
- Method of electrolytic destruction of cerebral nuclei. I. G. Konovalova. *Fiziol. zhur.* 54 no. 8 979-981 Ag '68
- Physiological and structural chemical fundamentals of neuron memory. M. B. Shatkin, N. G. Jurgalitsa, F. M. Yok. *Fiziol. zhur.* [Ukr.] 14 no. 4 550-552 Ji-Ag '68
- Representation of the cardiac branch of nervus vagus in the cortex of cat brain hemispheres. S. M. Zaraiskaya. *Dokl. AN SSSR* 182 no. 2 473-476 '68
- Role of initial functional condition of the nervous system in the carrying out of controlled muscular stress. T. N. Makrova, E. N. Fedorov. *Teor. i prak. fiz. kul't.* 31 no. 6 26-30 Je '68
- Role of vascular reflexogenic zones in the changes in blood coagulability under the effect of electromagnetic oscillations on the organism. I. D. Boenko, F. G. Shakhel'dian. *Fiziol. zhur.* 54 no. 8 937-941 Ag '68
- Some mechanism of changes in the vasomotor function under normal conditions and in the initial stage of experimental hypertension under the influence of solar and ultraviolet irradiations. V. A. Baronovskiy. *Vop. kur., fizioter., i loch. fiz. kul't.* 33 no. 4 331-337 Ji-Ag '68
- Topography and termination sites of the straight cortical fibers of the auditory analyzer in cats. E. E. Gromtsev. *Arkh. anat., gist. i embr.* 55 no. 9 22-27 '68
- Trace increase in the excitability following the X-ray irradiation of the region of frog nerve. M. V. Kirzon, N. E. Chupurnova, S. A. Chupurnov. *Vest. Mosk. un. Ser. 6 Biol. pochv.* 23 no. 4 3-10 Ji-Ag '68
- 613.1 Climatic factors**
- Blood coagulation in patients with hypertension and atherosclerosis during sanatorium health resort treatment at the southern shore of the Crimea at different periods of the year. I. I. Mizin. *Vop. kur., fizioter., i loch. fiz. kul't.* 33 no. 4 320-322 Ji-Ag '68

- 613.1 (Continued)
- Comparative effectiveness of the treatment of patients with atherosclerosis and hypertension directed at the southern shore of the Crimea from different climatic zones of the U.S.S.R. S.R. Tatovoj and others. Vop.kur., fizioter., i lech. fiz. kul't. 33 no. 4 304 307 31-Ag '68.
- Dynamics of the arteriovenous pressure in patients with coronary atherosclerosis and postinfarction cardiocirculation in climatic health resort treatment. I. E. Petrova. Vop.kur., fizioter., i lech. fiz. kul't. 33 no. 1-31-313 31-Ag '68.
- Indices of external respiration in pulmonary tuberculosis under sanatorium and climatic treatment. B. A. Shmulevich. Probl. tub. 13 no. 9-28-31 '65.
- [Medical geography] Ref. zhur. Med. geogr. no. 10 O '68.
- Meteorological factors and the vessels. V. A. Val'dman. Vop. pit. krovi i krovoobr. no. 8:10-17 '68.
- Methods of studying the influence of meteorological factors on patients with bronchial asthma. A. V. Bogova. Vop.kur., fizioter., i lech. fiz. kul't. 33 no. 4 315-347 31-Ag '68.
- 613.2 Dietetics. Feeding. Foods
- Changes in some metabolic indices in elderly persons using qualitatively different nutrition. V. V. Sukkova. Vop. pit. 26 no. 6 60 N-D '67.
- Changes in the myocardium in cholesterol feeding and the mechanism of their development. I. M. Handzha, O. S. Supina, M. K. Fukalo. Fiziol. zhur. [Ukr.] 14 no. 4-445-448 11-Ag '68.
- Contents of some macro- and microelements in the diet of enterocolitis patients. A. M. Krasnova. Vop. pit. 26 no. 6 67 N-D '67.
- Determination of aldol in cotton seed oil. M. A. Klisenko, F. F. Urkova. Vop. pit. 26 no. 6 68-72 N-D '67.
- Dietary energy expenditure in metal workers. A. F. Borisov and others. Vop. pit. 26 no. 6 25-31 N-D '67.
- Effect of ascorbic and dehydroascorbic acids on some indices of water-salt metabolism in guinea pigs with vitamin C deficiency. N. M. Pokrasen, V. I. Sokolova. Vop. pit. 26 no. 6 11-14 N-D '67.
- Effect of C and P vitamins on the organism. L. N. Popova, R. M. Tikhonina, I. F. Kashovarov. Vop. pit. 26 no. 6 3-8 N-D '67.
- Effect of qualitatively different fats on some aspects of lipid metabolism, experiments on rats. A. A. Velichko, V. V. Lazavko. Vop. pit. 26 no. 6 37-44 N-D '67.
- Effect of superoxygenated cotton seed oil on some indices of human protein-lipid metabolism, enzyme activity in intestine, and vitamin excretion with urine. M. N. Mazkova and others. Vop. pit. 26 no. 6 31-37 N-D '67.
- Effectiveness of a gluten-free diet in the treatment of chronic intestinal diseases. N. I. Etkensnala and others. Vop. pit. 26 no. 6 61-67 N-D '67.
- Evaluation of methods for the determination of the biological value of nutritional protein. G. Rafalskii, E. Nogal', V. Penonarenko. Vop. pit. 26 no. 6 14-20 N-D '67.
- Inclusion of C14-acetate into rat tissue cholesterol and equivalent in cases of choline-protein deficiency. V. F. Markelova, M. M. Lovachev. Vop. pit. 26 no. 6 44-49 N-D '67.
- Method for the determination of hexachloran in vegetation. A. I. Stenberga, Z. N. Bogomolova. Vop. pit. 26 no. 6 73-77 N-D '67.
- Organization of dietary nutrition in compound treatment of patients following gastric resection for ulcer, at the Trusheva Health Resort. V. I. Lenushko, Klin. khir. no. 6 38-10 S '63.
- The quality of dried milk. N. N. Titov, L. A. Zhukova. Vop. pit. 26 no. 6 77-79 N-D '67.
- Resistance of the tuberculous pathogen to thermal conditions in the production of cooked sausage products. M. G. Kozhomin, B. V. Sidorenko, N. E. Ivanov. Vop. pit. 26 no. 6 61-64 N-D '67.
- 613.2 (477)—Ukrainian S.S.R.
- Content of copper, iron, manganese and molybdenum in some vegetable products of Vinitsa Province. N. K. Val'chuk. Vop. pit. 26 no. 6 83-84 N-D '67.
- 613.2 (671.10)—Tomsk Province
- Content of molybdenum in vegetable food products of the Tomsk Province. E. V. Osmolovskaya. Vop. pit. 26 no. 6 88 N-D '67.
- Magnesium content in basic food products of Tomsk Province. A. I. Vorob'ova, N. A. Bol'shanina. Vop. pit. 26 no. 6 84-88 N-D '67.
- 613.3 Occupational and Industrial Hygiene
- Condition of olfactory analyzer in workers of the Sumgait synthetic rubber factory. Z. R. Dzhanfarov. Azerb. med. zhur. 45 no. 4 71-75 Ap '68.
- Problems of medical service for workers of industrial enterprises of the Azerbaijan S.S.R. F. M. Vekilov. Azerb. med. zhur. 45 no. 4 8-18 Ap '68.
- 613.3 (477)—Ukrainian S.S.R.
- Organization of reanimation service on large industrial enterprises. I. F. Pavlenko, L. A. Moerman, Ortop. travm. i protez. 28 no. 9 46-17 S '68.
- 613.7 Exercise. Recreation. Rest. Sleep
- Exercise therapy and sport medicine. S. M. Ivanov. Teor. i prak. fiz. kul't. 31 no. 8 36-38 Ag '68.
- Medical supervision over the training of Soviet leading ski racers in the winter season of 1967/1968. A. D. Butkov. Teor. i prak. fiz. kul't. 31 no. 8 36-41 Ag '68.
- Physical exercises in the work and recreation schedule of railroad engineers. I. U. I. Berdichevskii, V. E. Llamko. Teor. i prak. fiz. kul't. 31 no. 8 47-48 Je '68.
- Physical exercises of workers under the conditions of the five-day work week. N. P. Trotsenko. Teor. i prak. fiz. kul't. 31 no. 6 44-48 '68.
- Problem of the classification of physical exercises. G. G. Natalov. Teor. i prak. fiz. kul't. 31 no. 8 64-67 Ag '68.
- Recommended physical exercise during intervals for rest. I. V. Lovitskaya. Teor. i prak. fiz. kul't. 31 no. 6 55 Je '68.
- A set of exercises during the pause for physical training. Teor. i prak. fiz. kul't. 31 no. 5 75 My '68.
- Social planning and some problems concerning the development of physical training in industrial enterprises. I. B. Vishnovskii, I. P. Volkov, N. I. Ponomarev. Teor. i prak. fiz. kul't. 31 no. 5 59-61 My '68.
- Thermoregulation during rest and under some routine loads in healthy persons. R. S. Ivanov. Vop. pit. krovi i krovoobr. no. 8 23-30 '68.
- The time of physical training and sport in the schedule of the five-day workweek. V. I. Zholiak, L. N. Sil'vestrova. Teor. i prak. fiz. kul't. 31 no. 5 61-64 My '68.
- 613.8 Nervous and mental hygiene. Health and addiction, morals, behavior
- Dynamic of proprioceptive sensibleness in women athletes. A. S. Ermolova, V. M. Lebedev. Teor. i prak. fiz. kul't. 31 no. 6 36-39 Je '68.
- 613.7 (471.31)—Moscow Province
- A workshop of health. S. V. Madinnov. Teor. i prak. fiz. kul't. 31 no. 8 53-54 Ag '68.
- 613.7 (471.52)—Bashkir A.S.S.R.
- Salavat will be a city of health. Kh. A. Fatkullin. Teor. i prak. fiz. kul't. 31 no. 8 2-3 Ag '68.
- 613.7 (477)—Ukrainian S.S.R.
- Physical training and sport in the recreation schedule of the students of institutions of higher education in Kharkov. A. I. Masluk, V. I. A. Matias, V. V. Zhih'isov. Teor. i prak. fiz. kul't. 31 no. 6 49-51 Je '68.
- 613.7 (479.24)—Azerbaijan S.S.R.
- Studying the interest of the different ages and social categories of Baku and Sumgait workers in physical culture and sports. M. D. Ripa. Teor. i prak. fiz. kul't. 31 no. 8 51-53 Ag '68.
- 614 Public health and safety
- A. P. Dobrosavlina's role in the development of disinfection in Russia; on the 125th anniversary of his birth. N. S. Garin. Zhur. mikrobiol. epid. i immun. 45 no. 9 142-145 S '68.
- Effectiveness of the disinfection with 2, 3, 4% formalin on the alkermosses infected with polyhedrosis, carrier of yellow fever virus. R. I. Samadova. Izv. AN Azerb. SSR, Ser. biol. nauk. no. 1 132-138 '68.
- Fifty years of Soviet public health. Yat. fiziol. i eksp. terap. 12 no. 4 34-41 31-Ag '68.
- One stand at the Exhibition of Achievements of the National Economy of the U.S.S.R. A. L. Laronova. Inform. bul. VDNKH no. 8 38-39 Ag '68.
- Our experience in conducting antituberculosis propaganda. V. V. Kunovskii. Probl. tub. 43 no. 9 14-16 '65.
- Some epidemiological characteristics of poliomyelitis in a large city. L. M. Chudnaya, L. A. Chernova. Poliomyelitis no. 2 42-46 '62.
- 614 (479.24)—Azerbaijan S.S.R.
- The road of half a century. F. M. Bekilov. Azerb. med. zhur. 45 no. 8 3-17 Ag '68.
- 614.2 Official and professional organization
- Detection of pulmonary cancer in prophylactic screenings by means of large-photograph fluorography. E. S. Skoblie, I. A. P. Mankovich. Vop. onk. 14 no. 9 83-87 '68.
- Prospects of the development of hematological service in the U.S.S.R. and the current problems of training specialists of hematology and blood transfusion. G. A. Alekseev, M. G. Savchenko. Probl. gemat. i perol. krovi 13 no. 1 3-7 N '68.
- Some types of work to provide drugs for the rural population. M. A. Ovcharenko. Farmatsia 17 no. 5 66-68 S-O '68.
- 614.2 (471.41)—Tatar A.S.S.R.
- Experience in the organizational forms of the work on the elimination of diphtheria under the conditions of the Children's Polyclinic of the Lenin District in Kazan. N. P. Kudrjavtseva, M. Sh. Urazova, N. V. Shpak-shitov. Trudy Kaz. gos. med. inst. 16 313-323 '64.
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616, 089(477)—Ukrainian S.S.R.
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616, 089(497.2)—Bulgaria
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616.1 Circulatory, cardiovascular and blood diseases

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- Perforation of gastric ulcer during roentgenoscopy.** M. I. Levin, I. U. F. Kurochkin. *Klin. khir.* no. 9:76-77 S '63.
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616.4 Hemopoiesis, lymphatic, endocrine systems

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616.7 Diseases of the locomotor (skeletal) system

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- Concoidal kyphosis.** I. S. Mammadov. Ortop., travm. i protez. 29 no. 10:54-56 O '68.
- Deforming spondylitis and osteochondrosis following fracture of the spine.** V. I. Zolotarev. Ortop., travm. i protez. 29 no. 10:66-68 O '68.
- Destructive and reparative lesions in the intervertebral disc at early periods following puncture injection of papain into the disc.** N. A. Chudnovskii, R. L. Zaitseva. Arkh. pat. 30 no. 6:77-78 '68.
- Effect of innervation disorders on the indices of muscle protein metabolism under normal conditions and following dermal burns.** T. L. Zaets, K. B. Kerimov. Pat. fiziol. i eksp. terap. 12 no. 5:72-74 S-O '68.
- Effect of the organophosphorus preparation chloracetophos on experimental reparative osteogenesis in rabbits.** U. A. Bogdanovich, D. A. Veselovskii, I. M. Spolter. Pat. fiziol. i eksp. terap. 12 no. 4:54-56 II-Ag '68.
- Experience in preservation of bones in flowing fluid and their transplantation under experimental and clinical conditions.** P. M. Shorshulov, V. I. Nefedov. Ortop., travm. i protez. 29 no. 9:31-35 S '68.
- Experience in the restorative treatment of children with the paralytic form of spina bifida.** A. Z. Llandres. Ortop., travm. i protez. 29 no. 10:31-35 O '68.
- Experience in the treatment of fresh closed and open fractures of the shin bones.** N. D. Moisevskii. Ortop., travm. i protez. 29 no. 10:68-71 O '68.
- Experience in the use of ultrahigh frequency therapy following operations on large joints.** V. I. Gol'dblat. Vop. kur., fizioter. i lech. fiz. kul't. 33 no. 1:347-351 II-Ag '68.
- Experimental data on repairing large cranial defects with lyophilized bone transplants.** M. N. Pavlova, V. A. Vial'tsev. Ortop., travm. i protez. 29 no. 9:35-41 S '68.
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- Fractures of corpora vertebrae in electroconvulsive therapy.** V. L. Gotsman, M. K. Klimova. Ortop., travm. i protez. 29 no. 10:45-48 O '68.
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- Late outcome of a fragmentary fracture of the atlas.** I. A. L. Tsvetanov. Ortop., travm. i protez. 29 no. 10:48-50 O '68.
- Morphological study of discs following discography.** M. E. Furman. Vest. rent. 1 rad. 43 no. 3:35-37 My-Je '68.
- New operative technique in the treatment of a clicking exsufflatory joint.** M. Ganchev. Ortop., travm. i protez. 29 no. 9:63-64 S '68.
- Nomogram for the determination of the volume of blood loss in closed trauma of the locomotor apparatus.** V. F. Podchurskii. Ortop., travm. i protez. 29 no. 9:59-61 S '68.
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- Pathological reconstruction of the first rib.** S. T. Zaleshin, A. I. Plakhov. Vest. rent. 1 rad. 43 no. 3:81 My-Je '68.
- Podographic data on the characteristics of walking in patients with transverse talipodia.** L. P. Lepeshkina, G. N. Kramarenko. Ortop., travm. i protez. 29 no. 9:66-69 S '68.
- Positioning of patients in tomographic examination of various sections of the spine.** O. G. Popov. Vest. rent. 1 rad. 43 no. 3:25-30 My-Je '68.
- Preconditions for radical ablative resection of malignant tumors of the bones.** A. A. Korzh, R. R. Talyshinskii, E. I. Pankov. Ortop., travm. i protez. 29 no. 9:1-6 S '68.
- Primary invalidity caused by industrial traumas of the locomotor apparatus among miners, and the measures for its prevention.** M. I. Similo, P. S. Mozhenskii. Ortop., travm. i protez. 29 no. 10:37-39 O '68.
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- Results of the treatment of lumbar osteochondrosis by means of subaqueous traction on a slanted screen.** V. A. Lisunov. Ortop., travm. i protez. 29 no. 10:63-68 O '68.
- Roentgenologic characteristics of some development anomalies of skeletal bones.** I. M. Erlikman. Azerb. med. zhur. 45 no. 4:64-69 Ap '68.
- Roentgenologic picture of Ewing's sarcoma of the metaphyses of tubular bones.** M. S. Tseskovskii. Vest. rent. 1 rad. 43 no. 3:3-8 My-Je '68.
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- Some remarks concerning the discussion of open fractures.** F. R. Bogdanov. Ortop., travm. i protez. 29 no. 9:88-90 S '68.
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- Traumatic dislocation of the sternoclavicular articulation.** V. P. Solov'ev, I. L. Malinovsky. Ortop., travm. i protez. 29 no. 9:61-63 S '68.
- Treatment of patients with multiple ankylosis.** V. M. Musevi, S. S. Movlova. Azerb. med. zhur. 45 no. 4:85-81 Ap '68.
- Variant of the execution of longitudinal tomography of the sternum in direct projection.** L. S. Somanish. Vest. rent. 1 rad. 43 no. 3:87-88 My-Je '68.
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- Effect of partial cerebral anesmia on excitation parameters in muscles - antagonists following radiation injury.** S. A. Akopjan, S. A. Gonfan. Uch. zap. Erv. un. 97:127-133 '65.
- Ineffectiveness of the treatment of lumbo-sacral radiculitis with Klych-Arzan volcanic mud.** F. M. Efendeva. Vop. kur., fizioter. i lech. fiz. kul't. 33 no. 4:352-355 II-Ag '68.
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- Morphological manifestations of the compensation process for functional disorders of the central nervous system in dogs.** P. B. Karakova. Arkh. pat. 30 no. 8:32-37 '68.
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- Role of the expert neuropathologist.** M. Vereshchagin. Sots. obesp. 43 no. 10:24-25 O '68.

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- Redundant receiving device. V. B. Osipov. Trudy Ural. politekh. inst. no. 168 130-136 '68.
- Screened coupled strip line with wide conducting plates of arbitrary thickness. N. I. Lesik, I. M. Sidikh, B. V. Kondratov. Izv. vuz. ucheb. zav. radiofiz. 11 no. 4 639-641 '68.
- Side radiation of nonsymmetrical mirror antennas. B. E. Kimber, R. Kh. Kheslanov. Radiotekh. i elektron. 13 no. 10 1738-1748 O '68.
- Statistical analysis of a third-order automatic phase frequency control system. I. U. Ignatov. Radiotekh. i elektron. 13 no. 10 1678-1681 O '68.
- Theory of nonlinear antenna arrays with interacting elements. D. M. Lazov, B. A. Mshustin. Radiotekh. i elektron. 13 no. 8 1365-1373 Ag '68.

621.397 Facsimile Television

- Control of parameters group on the television screen. P. V. Shmatov, I. U. S. Afanasev, S. E. Koganov. Tekh. kino i telev. 12 no. 8 42-46 Ag '68.
- Experience in installing commercial television equipment. I. N. Tekhn, E. S. Vashin, M. I. Spets. rab. v stroi. 29 no. 15-17 Ja '67.
- Experimental use of underwater television equipment in the Chornomorskiy Trust. L. P. Nikulina. Transp. stroi. no. 3 24 Mi '68.
- Generation of test signals for color television. R. G. Britanishvili, V. F. Solovet, M. N. Shifrin. Tekh. kino i telev. 12 no. 8 52-58 Ag '68.
- How to write optics for television. Thomas Eastwood. Sov. muz. 32 no. 1 136-138 Ap '68.
- Improvement of the "electronic curtain". L. V. Golev. Tekh. kino i telev. 12 no. 8 55-56 Ag '68.
- Low-frequency magnetic fields in television studios. N. B. Aizenberg and others. Tekh. kino i telev. 12 no. 8 62-65 Ag '68.
- Testing film for black-and-white and color television. N. I. Tel'mov and others. Tekh. kino i telev. 12 no. 8 32-41 Ag '68.

621.398 Telecontrol Telemetering

- [Automatic control, remote control, and computer technology] Ref. zhur. Avtom., telem. i vych. tekhn. no. 11 N '68.
- Probability analysis of telemechanical systems with feedback. V. I. Vasil'ev, B. I. A. Sovetov. Izv. vuz. ucheb. zav., prib. 11 no. 8 49-54 '68.
- Remote control by means of sectional disconnectors. A. D. Golitsyn, V. P. Prukhnitskii. Transp. stroi. no. 3 7-8 Mi '68.

621.4 Internal combustion and other special engines

- Coulometric method for the determination of tetraethyllead in ethylated automobile gasoline. I. P. Girkov, O. V. Shurupova. Khim. i tekhn. topl. i masel 13 no. 9 55 '68.
- Effect of aromatic hydrocarbons on the formation of scale in carburetors. A. A. Gurev and others. Khim. i tekhn. topl. i masel 13 no. 9 37-41 '68.
- Improvement of the repair and adjustment of heating equipment. I. Fedosov. Tekh. v sel'khoz. 28 no. 6 67-69 '68.

621.43 Internal combustion engines

- Automatic pulse system of lubricating ship diesels. Sudostroenie 58 no. 9 40-41 S '68.
- Calculating limiting characteristics of diesel fuel feed without supercharge under conditions of changing barometric pressure. E. V. Pridichev, O. P. Ponomarev. Avi. prom. 34 no. 6 8-10 Je '68.
- Change in pressure of fuel injection during the operation of pump and nozzle of a marine diesel. A. S. Lyshevskii. Trudy NPI 169:176-180 '67.
- Changes in the flowsheet of the lubrication of movement bearings. Mor. flot no. 9 23 S '68.
- Characteristics of operation and technical maintenance of IANZ-240 engines. G. Sozinov. Avi. transp. 46 no. 9 20-22 S '68.
- Construction and design of nozzles. I. A. P. Storozhuk, V. A. Pavlov. Trudy TSKTI no. 75:53-67 '67.
- Construction of flame tubes, methods for cooling them, and the effect of operating conditions on the temperature of the tube. I. A. P. Storozhuk, V. I. Antonovskii. Trudy TSKTI no. 75:38-52 '67.
- Criterional dependences for determining the duration of fuel injection. A. S. Lyshevskii, L. I. A. Shkret. Trudy NPI 169:43-48 '67.
- Dependence of the cyclic feed on the regulatory parameters of the fuel system. A. S. Lyshevskii, I. U. G. Vatin. Trudy NPI 169:126-133 '67.
- Dependence of the cyclic feed on the volume at the pump. I. U. G. Vatin. Trudy NPI 169:144-154 '67.

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- Determining the available energy of gases in modeling exhaust systems of combined internal combustion engines with pulsed supercharge. A. N. Kachin. Izv. vuz. ucheb. zav., mashinost. no. 1 104-108 '68.
- Device for measuring the protrusion of the piston head above the engine block. A. Makarov, V. Rogomolov. Tekh. v sel'khoz. 28 no. 8 78-79 '68.
- The DR-100 throttle rotameter. V. Zaitsov, N. Mitriyev. Tekh. v sel'khoz. 28 no. 6 73-71 '68.
- Duration of fuel feed at pump. L. I. A. Shkret, A. S. Lyshevskii. Trudy NPI 169:67-80 '67.
- Duration of fuel feed at the nozzle. L. I. A. Shkret. Trudy NPI 169:81-87 '67.
- Effect of changes in the temperature of atmospheric air on the parameters of systems with high-temperature gas turbines. G. S. Saprykin, L. P. Shelduk, T. D. Dobkina. Teploenergetika 15 no. 7 69-72 Ji '68.
- Effect of design parameters on the duration of fuel injection. L. I. A. Shkret, E. I. Koshman, A. S. Lyshevskii. Trudy NPI 169:32-42 '67.
- Effect of design parameters of the fuel system on the cyclic fuel feed. I. U. G. Vatin, A. S. Lyshevskii. Trudy NPI 169:111-125 '67.
- Effect of friction on the temperature field on the cooled rotor of a heat turbine. D. A. Porevichov, N. B. Chirkin. Teploenergetika 15 no. 7 18-51 Ji '68.
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- Effect of regular operating conditions of the fuel system on the cyclic fuel feed. I. U. G. Vatin, E. I. Koshman, A. S. Lyshevskii. Trudy NPI 169:98-110 '67.
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- Effect of temperature of incoming air on the operation of a carburetor engine. V. S. Efendiev, T. R. Dzhararov, Za tekhn. prog. 8 no. 6 17-39 Je '68.
- Effect of the curling of viscous liquid jet on its stability and decomposition. A. S. Lyshevskii. Trudy NPI 169:170-175 '67.
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- Improved system for the lubrication of the D-50 engine. I. Agafonov. Tekh. v sel'khoz. 28 no. 8 46-48 '68.
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- Measuring loads and deformations in frame bearings of diesel engines. V. B. Nepomniashchii. Energomashinostroye 14 no. 8 39-41 Je '68.
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- New way of piston cooling. I. A. Ivanov, A. G. Savat'ev. Sudostroenie 58 no. 9 28-31 S '68.
- Operation of diesel engines under winter conditions. N. K. Vinogradov. Mekh. stroi. 25 no. 8:28-27 Je '68.
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- Protection of diesels in diesel electric plants. I. U. N. Avik, V. V. Serzhanov. Sudostroenie 58 no. 9 37-39 S '68.

- Removing fins in a cylinder. A. Morozov. Avi. transp. 46 no. 9 37-38 S '68.
- Results of tests of foreign fuel apparatus for a marine vehicle diesel engine. M. A. Pashinov. Avi. prom. 34 no. 6 11-12 Je '68.
- Selecting an appropriate crankshaft design for a serial internal combustion engine with an arbitrary number of cylinders. E. E. Peisakh. Energomashinostroye 14 no. 8:42-43 Ag '68.
- Selecting the optimum control program for a gas turbine installation with parallel operation of turbines. V. I. Tikhonov. Energomashinostroye 14 no. 8 20-22 Ag '68.
- Selective matching of pressure valves. A. Shvayev. Tekh. v sel'khoz. 28 no. 6 74-75 '68.
- Similarity criteria of fuel systems with slide-valve control. A. S. Lyshevskii. Trudy NPI 169:3:11 '67.
- Some peculiarities in designing a speed control with differentiating device. I. V. Astakhov, B. P. Pashin. Energomashinostroye 14 no. 6:7-11 Je '68.
- Some problems of measuring methodology in the study of combustion chambers. V. A. Asoskov, Z. A. Shebalova, V. I. Antonovskii. Trudy TSKTI no. 75:209-220 '67.
- Static calculation of temperature control systems in air-cooled engines. A. A. Malykhin. Energomashinostroye 14 no. 8:10-10 Ag '68.
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- Study of the characteristics of turbines with different output units. N. N. Bykov, B. K. Dvachenko, G. N. Trnin. Teploenergetika 15 no. 7:45-48 Ji '68.
- Study of the temperature mode of operation of the piston in a ZIL-130 engine. A. V. Kostov, V. V. Pashov. Avi. prom. 34 no. 6 6-7 Je '68.
- Study of transient processes of a four-cycle diesel engine. V. V. Vodolazhenko and others. Vest. TSNII MPS 27 no. 1:26-28 '68.
- Swirling nozzles and burners. Z. A. Shebalova, V. A. Asoskov, V. I. Khristich. Trudy TSKTI no. 75:93-91 '67.
- System of barring and regulating a multi-shaft high-capacity gas turbine unit. V. B. Frankin. Energomashinostroye 14 no. 8:48 Ag '68.
- Temperature regime of blade paddle mixers in combustion chambers of gas turbine units. V. A. Mav, V. I. Veselovskii, A. V. Sudarev. Energomashinostroye 14 no. 6:19-21 Je '68.
- Tractor diesel motors need two-impulse speed regulators. P. Murzelov. Tekh. v sel'khoz. 28 no. 6 78-79 Ja '68.
- Universal NM-11 balancing machine. A. Malyuk. G. Kuznetsov. Tekh. v sel'khoz. 28 no. 6:79 Ja '68.
- Vibrational (pulsating) combustion in gas-turbine combustion chambers. V. A. Khristich. Trudy TSKTI no. 75:138-147 '67.

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- Chemical reconditioning of band-aid filter. I. Tekhn. i Tekh. v sel'khoz. 28 no. 6:71-72 '68.

621.47 Solar energy technology

- Calculating the heliotechnical system collector-receiver with a flat receiver. I. U. A. Dudko. Geliotekhnika no. 2:32-35 '68.
- Choice of selective transparent insulation material. V. A. Baum, A. V. Shkolin. Geliotekhnika no. 2:50-57 '68.
- Collecting the energy by noncircular receivers of paraboloidal solar installations. R. R. Aparisi, I. A. G. Koles, D. I. Topilakov. Geliotekhnika no. 2:18-24 '68.
- Conical collectors with a secondary reflector producing spot concentration. E. I. Burin. Geliotekhnika no. 2:25-31 '68.
- Encasing the thermoelectric elements and studying the p-n-type modules based on some chalcogenides. R. G. Ambarsumyan and others. Geliotekhnika no. 2:3-8 '68.
- Generalization in studying angular defocusing of paraboloidal solar installations. D. I. Topilakov, V. P. Polukov. Geliotekhnika no. 2:30-42 '68.
- Heating and refrigeration by means of compression and thermoelectric heat pumps. S. M. Lukomskii. Geliotekhnika no. 2:62-68 '68.
- Solar installation for studying refractory oxides. V. F. Pastuchin and others. Geliotekhnika no. 2:59 61 '68.
- Solar photoresonant excitation of semiconductor lasers and photoluminescent devices. P. M. Karageorgii, A. I. U. F. Loidman. Geliotekhnika no. 2:9-17 '68.
- Studying the thermal conditions of the solar water heater with a flat receiver. G. I. Umarov, A. Zhamalov. Geliotekhnika no. 2:49-49 '68.

621.5 Pneumatic energy. Machines. Refrigeration. Heat pumps

- Choice of temperature drops in the absorption apparatus of the refrigerating machine. D. A. Minkus. Khim. tekhn. 45 no. 8:20-31 Ag '68.
- Comparative evaluation of the wear resistance of tires by using them. L. D. Sludnikov, L. A. Tporina. Kach. i rez. 27 no. 8:40-44 '68.
- Effect of charging a unit with freon-12 on the temperature and energy indices of household refrigerators. A. D. Maltarchikov, V. G. Usenko. Khim. tekhn. 45 no. 8:38-39 Ag '68.

- Efficiency of the work of inner vertical heat exchangers under leath-forming conditions. I. G. Blakher, L. A. Zhitavskii, [Trudy] UNIKHIM no. 10-41-46 '63.
- Electrodynamical regulation of piston compressors. I. V. Kuznetsov, S. L. Maganichev, N. E. Indenbaum. Gor. zhur. 144 no. 10 51-52 O '68.
- Experimental study of the fatigue-life of rubber-metal block joints. V. N. Poturayev, V. I. Dydyka. Kauch i rez. 27 no. 8 38-40 '68.
- How to determine the purity of pressure fluid. T. Rudskaya, V. I. Kosm. no. 10 51-56 O '68.
- Improving rack coolers. P. F. Datsenko. Metallurg 13 no. 7-32-34 JI '68.
- Improving the technical state and the use of cold-storage warehouse insulating structures. P. V. Vasil'ev. Khol. tekhn. 45 no. 8 34-35 Ag '68.
- Installation operations with overfulfilling the production schedule. I. U. Fridman. Stroitel'noy. 13 no. 8-7 Ag '68.
- "Taterylmash - 68." Khol. tekhn. 45 no. 8-44-45 Ag '68.
- Large-block construction of a compressor station. V. I. Dubovitskiy, E. M. Mazur. Stroitel'noy. 13 no. 8 33-34 Je '68.
- New commercial refrigerators. B. A. Ber, E. D. Shvartova. Khol. tekhn. 45 no. 8-55-57 Ag '68.
- New pneumatic system with expanded range of measurements. P. M. Pollanskii, S. Gopal, G. M. Demidenko. Izv. tekhn. no. 6 24-27 Je '68.
- Optimization of the structure and parameters of adjustment of a pressure regulator of a 150 Mw. power generating block. E. B. Akhmedov and others. Teploenergetika 15 no. 7 66-69 JI '68.
- Panel-type ice-water accumulator for dairy enterprises. R. B. Ivanova and others. Khol. tekhn. 45 no. 8-7-10 Ag '68.
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- PV-M-type display case for dairy products. B. A. Ber. Khol. tekhn. 45 no. 8-24 Ag '68.
- Single-stage closed crankcase refrigerating compressor. E. V. Akhmedov. Khol. tekhn. 45 no. 8-57-61 Ag '68.
- Use of pneumatic flow type chamber for computer construction. V. V. Golovin. Izv. vyz. uchob. zav. i mashinost. no. 1-93-98 '68.
- Volatility of the vapors of freon 12, 22, and 142. V. P. Latsheva, E. P. Gittel'son. Khol. tekhn. 45 no. 8-32-34 Ag '68.

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621, 5(439)—Hungary

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621, 6 Fluid distribution. Storage containers. Pipes. Pumps

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- "All for the good of mankind, everything in the name of mankind." B. Vinogradov. Stroitel'noy. 13 no. 8 38-39 Ag '68.
- Anticorrosive coatings for reinforced-concrete containers and tanks. V. L. Vinarskii, T. D. Birlukova, A. M. Khil'. Stroitel'noy. 13 no. 8-103-106 '68.
- Asbestos-cement pipes for gas and oil transportation systems. V. Mikhailov, A. Nikitin. Stroitel'noy. 13 no. 8-39-40 Ag '68.
- Attachments to the units of horizontal drilling. I. A. Bulanskiy. Stroitel'noy. 13 no. 12 26 D '68.
- Automatic lock fittings for gas pipes of mine vacuum-pump stations. V. N. Shatoldin, Ugol' Ukr. 12 no. 6: 29-30 Je '68.
- Bending pipes from the SAV-1 aluminum alloy. N. V. Sobolev, A. M. Matsumi, A. G. Kuznetsov. Mont. i spets. rab. v stroit. 20 no. 4 18-20 Ap '68.
- Breaking up frozen ground with a power pick-equipped excavator. V. G. Tschingov. Stroitel'noy. 13 no. 6 35-36 Je '68.
- BT-5 hydraulic pipelaying bulldozer. G. I. Savotina, M. N. Solovov. Mekh. stroit. 26 no. 6 22 Je '68.
- Builders of underwater pipelines aim for new achievements. O. Zuev. Stroitel'noy. 13 no. 8-6-7 Ag '68.
- Calculating pipeline pile foundations for permafrost regions. V. V. Spiridonov, A. S. Gokhman. Stroitel'noy. 13 no. 8-13-15 Ag '68.
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- Characteristics of thermal cycle in resistance welding of pipes made from thermoplastics. K. I. Zaitsev. Stroitel'noy. 13 no. 9 13-14 S '68.
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- Conference on introducing advanced work methods. L. Mikhailov, I. U. Bratin. Stroitel'noy. 13 no. 8-35, 38 Ag '68.
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- Determining the capacity of a material and engineering base for the construction of northern gas pipelines. D. K. Dubina. Stroitel'noy. 13 no. 8 18-20 Ag '68.
- Determining the efficiency of direct-acting piston pumps. M. G. Saldo. Za tekhn. prog. 8 no. 4 20-22 Je '68.
- Determining the optimum net configuration for pipelines. M. P. Karpenko. Stroitel'noy. 13 no. 8 21-25 Je '68.
- Devices for determining the location of underground pipelines. Stroitel'noy. 13 no. 9 35 S '68.
- Digging trenches with the EN-1A excavator in frozen ground. A. I. Gaidar. Stroitel'noy. 13 no. 9 26-28 S '68.
- Disposal of brine into an absorbing horizon during the construction of an underground storage reservoir. G. S. Chernova. Stroitel'noy. 13 no. 8-22-23 Ag '68.
- Drying a pipeline prior to applying insulation in winter-time. V. P. Glazunov, G. E. Lavrov, A. D. Paukov. Stroitel'noy. 13 no. 8 31-33 Je '68.
- Fluorinating an electric power in pumping units. K. N. Kuznetsov, I. U. A. Tshaturian. Za tekhn. prog. 8 no. 6-16-17 Je '68.
- Effect of scale factor on the estimation of the tendency of aluminum tanks to brittle fracture. V. V. Zhelezovskiy. Stroitel'noy. 13 no. 6 17-19 Je '68.
- Effect of the regime of resistance welding on the strength of butt joints of polyethylene pipes. V. L. Berezin, N. V. Bobrikov, R. V. Amosov. Stroitel'noy. 13 no. 9 10-12 S '68.
- Efficient spacing of supporting rollers of pipelaying machines moving along a pipeline. A. I. Galperin, B. B. Vasil'ev. Stroitel'noy. 13 no. 12 11-13 D '68.
- Elimination of icing and drying of pipes in winter conditions. V. A. Lashuk. Stroitel'noy. 13 no. 12-27 D '68.
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Multistation welding supply source based on the VS-1000 selenium rectifier. Z. A. Shchit'man, A. L. Kollin'ov. Stroi. truboprov. 11 no. 9:28-29 S '68.

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Plasma hard facing of chromium-nickel alloys with silicon and boron. P. V. Gladkii, E. F. Pereplechikov, I. I. Frumkin. Avtom. svar. 21 no. 9:58-62 S '68.

Portable MT-20. 61 equipment for welding boiler coils. A. M. Mirkin. Avtom. svar. 21 no. 9:68-67 S '68.

Press for welding reinforced film and rubber-fabric materials. K. I. Zaitsev, V. D. Stoltarenko. Mont. i spets. rab. v stroi. 29 no. 5:20-21 My '67.

Provision for fatigue strength of welded structures in the supporting framework of turbine-piston diesel engines. A. S. Orlin, G. L. Vasil'yev. Izv. vys. ucheb. zav., mashinost. no. 1:99-103 '68.

PSP-1 device for welding pipes made from thermoplastics under field conditions. K. I. Zaitsev. Stroi. truboprov. 13 no. 8:31-32 Ag '68.

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Resistance to corrosion of welded joints of aluminum alloys under stress. A. P. Lavrov. Vest. TSNIIMPS 27 no. 1:34-36 '68.

Selecting optimum upsetting in flash butt welding of steel pipes. V. S. Lifshits. Stroi. truboprov. 11 no. 9:18-20 S '68.

Spin welding of steel weldments operating under conditions of wear and tear in aggressive media. V. S. Vernik and others. Avtom. svar. 21 no. 9:56-57 S '68.

Temperature distribution in a plasma jet in metal spraying of high-melting materials. N. S. Surov, G. V. Bobrov. Avtom. svar. 21 no. 9:9-12 S '68.

Using accelerator tubes with electron energy up to 250 keV. G. S. Kryshab, G. A. Loskutov, R. A. Ershenko. Avtom. svar. 21 no. 9:36-40 S '68.

Welded joint in reinforced concrete piles. V. I. Akopov. Transp. stroi. no. 3:25-26 Mr '68.

Welding equipment. A. I. Chernykh. Vest. protivovozd. obor. no. 8:60-61 Je '68.

Welding instead of pressing, strip instead of a rod. M. P. Inom, Inom. biul. VDNKh no. 9:8-9 S '68.

Welding of ship superstructures using bimetal. E. G. Fainshteyn, V. R. Riabov, L. G. Gvicheskaja. Avtom. svar. 21 no. 9:51-55 S '68.

Welding of steels with additional heating of electrode wire. S. E. Semonov, G. I. Lashchenko, V. A. Alamanukh. Avtom. svar. 21 no. 9:71 S '68.

Welding reinforcement frames of centrifugal pressure-less reinforced concrete pipes. O. Kanevskiy. Bud. mat. i konstr. 9 no. 1:38-39 J1-Ag '67.

621.791(471.13)—Komi A. S. S. R.

In the Vuklyi field. Z. Shchit'man. Stroi. truboprov. 13 no. 8:4-5 Ag '68.

621.791(477)—Ukraine S. S. R.

Lining and hard facing of hydraulic turbine parts at the Kakhovka Hydroelectric Station. S. L. Milchenko and others. Avtom. svar. 21 no. 9:68-70 S '68.

621.791(477.6)—Donetsk Basin

Use of semi-automatic electric-slag welding of reinforced-concrete structures. A. N. Lobanov. Mont. i spets. rab. v stroi. 29 no. 5:22-23 My '67.

621.791(574)—Kazakh S. S. R.

Welding in carbonic acid. I. Dandullov, Nar. khoz. Kazakh, no. 8:88-87 Ag '68.

621.792 Joining by adhesion. Bonding, gluing. Pressure joint line, plugging, caulking.

Adhesion of solid particles to plane surface. A. D. Zimon. Koll. zhur. 24 no. 4:450-461 J1-Ag '62.

Device for determining field stresses in welding polymers with high-frequency currents. V. A. Shishkin, S. V. Smirnov. Avtom. svar. 21 no. 9:76-77 S '68.

Glued and combined joints of metal structural elements. A. M. Prizma-onov. Transp. stroi. no. 3:14-15 Mr '68.

Glued and welded joints in shipbuilding. V. P. Bochkarov, V. V. Dolgorukov, T. I. Glevitskaja. Sudostroenie 58 no. 9:67-69 S '68.

Thermogravimetric study of the formation of polyethylene-ion adhesion bonding. M. M. Kalinin, V. P. Karilvan. Vysokom. speed. Ser. A. 10 no. 10:2335-2340 O '68.

621.798 Packaging

Controlling the operation of packing presses. A. N. Tsvetkov, A. D. Polianskii, S. V. Fevaley. Metallurg 13 no. 10:35 O '68.

Economic method of packaging dry roach. I. A. Shishkanova, G. N. Alekseeva. Ryb. khoz. 44 no. 10:57-59 O '68.

621.8 Power transmission. Materials handling. Mechanical fixing, attachment. Lubrication.

Creation of a machine for adjusting railroad ties. A. N. Cherkasov. Transp. stroi. no. 3:27-28 Mr '68.

Improved system for the lubrication of the D-50 engine. I. Agafonov. Tekh. v sel'khoz. 28 no. 8:46-18 '68.

Modernized P-10/755 distributor. P. Medvedskii. Tekh. v sel'khoz. 28 no. 8:67 '68.

Selection of lubricants for the power transmission of tractors. S. Shumik. Tekh. v sel'khoz. 28 no. 8:63-65 '68.

621.82 Transmission systems and parts

Controlling the hardness of parts made of wood. B. E. Gaidulin, A. G. Bendin. Mashinostroitel' no. 8:38 Ag '68.

Electrical differential system in winding mechanisms. S. V. Pastin, A. E. Pankov, I. U. B. Khlazev. Elektrichesko stroi. no. 8:88-88 Ag '68.

Flievhilf sleeve and pin coupling. V. M. Botrushevich, K. S. Jvanov, R. B. Aleksandrov. Sudostroenie 58 no. 8:32 Ag '68.

Hydrodynamic theory of lubrication of porous bearings. B. I. Blatyi, S. K. D'achenko, V. A. Sirenko. Izv. vys. ucheb. zav.; mashinost. no. 1:70-75 '68.

Improving the anti-friction properties of teatellite separators. I. M. D'achenko. Mashinostroitel' no. 8:40-41 Ag '68.

Increasing the fatigue strength of axles. N. M. Savvina. Mashinostroitel' no. 8:35-37 Ag '68.

Methods of calculating the work duration of self-lubricating bearings. V. D. Zozulka. Porosh. met. 8 no. 9:10-50 S '68.

621.83 Gears, cams, links, ratchets

Calculating maximum parameters in diagonal gear milling. B. K. Shumakov. Stan. i instr. 39 no. 6:15-19 Je '68.

Calculation of optimum tolerances for parameters of a pneumatic drive. A. V. Udaev. Izv. vys. ucheb. zav.; mashinost. no. 1:80-83 '68.

Causes for shearing tooth of a cutting tool subjected to grinding. S. I. Artemeva, E. I. Malinkina. Stan. i instr. 39 no. 8:34-35 Je '68.

Determination of play in planetary gears. I. U. B. I. U. B. Izv. vys. ucheb. zav.; prib. 11 no. 8:91-94 '68.

Device for machining corrected globoid worm gears. N. A. Shevchenko, I. U. B. Retivykh, E. A. Simonenko. Stan. i instr. 39 no. 9:9-10 Je '68.

Experimental study of stresses in rims of gear wheels. S. M. Bab'ev, V. T. Antonuk. Avi. prom. 34 no. 6:23-25 Je '68.

Increasing the contact strength of gear wheels by electrolytic polishing. A. D. Kormov, N. F. Kuz'min, G. K. Gorobets. Stan. i instr. 39 no. 6:32-33 Je '68.

Interlocking profile for metal-polymer gear drives. O. I. Ostapenko. Izv. vys. ucheb. zav.; mashinost. no. 1:62-66 '68.

Localization of contact area in a Hindley worm gear with a straight-tooth spur wheel. S. N. Shatkhin, V. N. Shecherbakov. Izv. vys. ucheb. zav.; mashinost. no. 1:78-21 '68.

New machine-tools. Stan. i instr. 39 no. 6:44 Je '68.

Problem of geometry of Novikov bevel gear drives. S. I. Minchenko. Izv. vys. ucheb. zav.; mashinost. no. 1:9-13 '68.

Selecting the parameters of gear-wheel cutter for cutting evoluto-profile slots. A. F. Erofeev. Stan. i instr. 39 no. 6:30-32 Je '68.

Theoretical principles for an experimental study of planetary transmissions at a closed balancing testing stand. D. I. Shatkhin. Izv. vys. ucheb. zav.; mashinost. no. 1:13-18 '68.

Wood plastics in worm gears. I. I. Shapiro. Mashinostroitel' no. 8:31-32 Ag '68.

621.85 Flexible transmissions and drives

Elastically modulus of flat rubber-fabric structures under extension and compression. L. I. Zolotukhina, V. A. Lepotov. Kauch. i rez. 27 no. 10:40-43 '68.

Study of effect of loading on wear of roller chains. V. P. Baranchik. Izv. vys. ucheb. zav.; mashinost. no. 1:50-62 '68.

621.88 Materials handling. Mechanical handling and hoisting equipment

Adopting the conveyor transportation in open-pit mines. A. N. Zinabrev, M. E. Gile'man, S. A. Berezin. Gor. zhur. 144 no. 10:28-29 O '68.

Bitumen proportioning device. A. Simaidov. Avi. dor. 31 no. 7:31-32 J1 '68.

Contactless equipment for controlling the location of mine hoists. I. V. Bizin and others. Gor. zhur. 143 no. 6:59-61 Je '68.

Containers for the repair shop. V. Konoplia. Tekh. v sel'khoz. 28 no. 8:76-78 '68.

Efficiency of conveyor transportation. N. V. Vasil'ts and others. Trudy IGD(Sverd.) no. 17:170-180 '67.

Efficiency of designing piling in railroad transportation of overburden in the open-pit mines of Kuznetsk Basin. A. S. Kravtsov, N. N. Mel'nikov, A. K. Opanchuk. Ugol' 43 no. 6:42-44 Je '68.

Efficiency of the crushing and conveying of overburden in systems with semiautomatic loading units. V. I. Kovalov, G. P. Vorob'ov. Trudy IGD(Sverd.) no. 17:100-104 '67.

Establishing norms for expenditure of tackle ropes and brake shoes in deep drilling. M. M. Novikov. Organ. i upr. metodb. prom. no. 8:28-30 '68.

Experience in using belt conveyors under winter conditions, and ways of lengthening the season of their operation. I. U. K. Billonov, G. V. Pailenov. Trudy IGD(Sverd.) no. 17:126-134 '67.

- 621.86 (Continued)
How to determine the capacity of hoppers on loading units with vibrating screens. A. V. Udin. Trudy IGDSverd. no. 17:114-121 '67.
- Load distribution in trunk conveyors with thermal and intermediate drives. D. M. Belen'ku. Izv. vys. ucheb. zav., gor. zhur. 11 no. 6:113-116 '68.
- Mechanizing maintenance and repair of metallurgical furnaces. V. F. Morozov. Metallurg 13 no. 10:20-21 '68.
- Method of loading rock mass with excavators operating in cycles on face conveyors by moving vibrating screen-feeders. A. N. Shilin and others. Trudy IGDSverd. no. 17:94-97 '67.
- Mining multigrade ores with full conveyor transportation in open-pit mines. A. L. Kabayev. Trudy IGDSverd. no. 17:105-108 '67.
- Operational reliability of conveying equipment in open-pit mines. A. N. Shilin, N. L. Stakhev. Trudy IGDSverd. no. 17:158-163 '67.
- Overall mechanization of hoisting, transporting and warehousing operations. I. I. Poddubitskiy, M. I. Yastafeyev. Avi. prom. 34 no. 3-5 Je '68.
- Promises for calculations of traction of conveyors with complicated routes. Z. I. Naulekhanis. Mekh. i avtom. no. 22 no. 9:38-41 '68.
- Protection of conveyor belts against longitudinal fractures. V. V. Sidorov. Mekh. i avtom. no. 22 no. 9:22-23 '68.
- Redesigning belt conveyor loaders for lumpy abrasive materials. A. O. Spivakovskiy and others. Gor. zhur. 143 no. 6:48-51 Je '68.
- Silo-cement loader. Transp. stroi. no. 3:52 Mr '68.
- Standardization and unification of load-lifting devices. A. P. Zhurav. Mont. i spets. rab. v stroi. 29 no. 5:25-26 '67.
- Technology of loading conveyor hoists. V. I. Kovalov. Trudy IGDSverd. no. 17:80-83 '67.
- Transportability of concrete filling mixtures. E. O. Shternbek, V. P. Kravchenko. Gor. zhur. 144 no. 10:37-38 O '68.
- Unit for freight lifting and lowering. A. S. Pervushin. Mekh. i avtom. no. 22 no. 9:18 '68.
- Vertical shaft sinking with the aid of PA-2 moving units. A. M. Solntsev, G. G. Spiridenko. Ugol' Ukr. 12 no. 6:44-45 Je '68.
- 621.86(479.24)—Azerbaijan S. S. R.
New equipment and norms research service. Kh. Afiyev, S. Mirzaev. Organ. i upr. nefteob. prom. no. 9:20-22 '68.
- 621.87 Cranes and other hoisting mechanisms. Excavators, dredgers, etc.
Assembly of equipment by bridge cranes operating on a temporary network. A. P. Udal'skiy, F. I. Laptev. Mont. i spets. rab. v stroi. 29 no. 1:23-24 Ja '67.
- Breaking up frozen ground with a power pick-equipped excavator. V. G. Tsebinoga. Stroi. i tuboprov. 13 no. 6:35-36 Je '68.
- Bridge crane beams in reinforced concrete. L. I. A. Alterman. Energ. stroi. no. 28:58-60 '62.
- Cable crane for conveying concrete mix during the erection of bridge piers. I. M. Tkachenko. Avt. dor. 31 no. 7:30 J1 '68.
- Catamaran crane vessel "Ker-Ogly". V. E. Gubanov. Sudostroenie 58 no. 8:3-11 Ag '68.
- Determining quantitative characteristics for reliability of 6 36-t m.s. ropes on EKG-4 excavators. A. A. Suslov, A. G. Kosenko, N. N. Krutikov. Izv. vys. ucheb. zav., gor. zhur. 11 no. 6:110-112 '68.
- Determining the optimum performance and the methods of mining working faces for rotary bucket excavators with inextensible jibs. I. U. D. Piatykh. Gor. zhur. 144 no. 9:23-25 S '68.
- Determining the pressure on the wheels of multibearing pneumatic-wheel cranes. L. B. Shtenberg. Stroi. i dor. mash. 13 no. 9:25-26 S '68.
- Determining the tolerance in size of ball and roller bearings of swivel and support plates. A. M. Kazanskiy. Stroi. i dor. mash. 13 no. 9:34-35 S '68.
- Digging trenches with the ER-7A excavator in frozen ground. A. I. Gaidar. Stroi. i tuboprov. 13 no. 9:26-28 S '68.
- Dynamic properties of excavator electric drive with critical self-excitation of the generator. V. G. Bazilevskiy. Izv. vys. ucheb. zav., gor. zhur. 11 no. 6:133-138 '68.
- Efficiency of scraper columns. M. A. Shubin. I. I. Osmolovskiy. Transp. stroi. no. 3:26-27 Mr '68.
- Erecting three-dimensional structures of treaties by the use of several cranes. P. A. Bannyi. Mont. i spets. rab. v stroi. 29 no. 1:10-12 Ja '67.
- ERTS-402 trench digger. I. Z. Figlin, A. I. Ivanov. Stroi. i dor. mash. 13 no. 9:32 S '68.
- Excavator for digging trenches in oil and gas fields. I. N. Shpetkov. Stroi. i tuboprov. 13 no. 9:34-35 S '68.
- Experience in piling in the mountainous terrain beyond the Arctic Circle. V. K. Lebedev, L. A. Nikolaev, A. P. Bondar. Gor. zhur. 143 no. 6:73-74 Je '68.
- From the experience of work of the IU, D. Sidorov excavator brigade. V. A. Alekseev. Mekh. i avtom. no. 22 no. 9:24-25 Je '68.
- Grader attachments. Stroi. i dor. mash. 13 no. 9:11-13 '68.
- Increasing the longevity of intermediate gears and carrying guide rollers of rotary excavators. A. I. Gaidar, V. L. Gorokhovskiy. Stroi. i tuboprov. 13 no. 6:19-20 Je '68.
- Increasing the traveling speed of gantry cranes. B. E. Shelomov, A. P. Kozubov. Mont. i spets. rab. v stroi. 30 no. 4:18-19 Ap '68.
- Methods for calculating dynamic impact stresses in the turning mechanism of an excavator. D. A. Kaminskaya. Izv. vys. ucheb. zav.; mashinost. no. 1:128-132 '68.
- Methods of working high faces in Lebedi open-pit mine with 500-60 dredges and using water without pressure for the flushing out. S. I. Polevchikov, M. M. Tishchenko. Energ. stroi. no. 28:61-63 '62.
- Nov. KS-1562 automotive crane. A. P. Kulikov, V. I. Drozdov, I. P. Uitenko. Stroi. i dor. mash. 13 no. 9:21-21 S '68.
- Practice in using suction dredges with earth ejectors. V. P. Lakhin, Shor. trud. VNIINerud no. 23:109-112 '67.
- Results of investigations regarding the dynamic action of excavators on the ground. M. E. Pevzner, O. N. Androsova, V. P. Kostovetskiy. Izv. vys. ucheb. zav., gor. zhur. 11 no. 6:31-35 '68.
- Road building machinery. B. Filatov. Zhil. i kom. khoz. 19 no. 8:16 Ag '68.
- Specific resistance to the action of the working element of an ER-7A rotary trench digger. N. N. Kluge, S. S. Dubronikov. Stroi. i dor. mash. 13 no. 9:36-37 S '68.
- The use of normal allocation for the service life of machine parts. K. P. Chudakov. Stroi. i dor. mash. 13 no. 9:20-21 S '68.
- Using similarity methods for dynamic investigations of digging mechanisms on single-bucket excavators. V. I. Khazak. Izv. vys. ucheb. zav., gor. zhur. 11 no. 6:97-101 '68.
- 621.87(431)—German Democratic Republic
Vacuum lifts of the German Democratic Republic. Stroi. i dor. mash. 13 no. 9:26-27 S '68.
- 621.87(471.52)—Bashkir A. S. S. R.
Self-loader of elongated loads. G. M. Vasin, V. I. Iltubayev. Stroi. i tuboprov. 13 no. 12:25 D '66.
- 621.87(497.2)—Bulgaria
Hoisting and transportation machinery in the National Republic of Bulgaria. E. D. Galochkin. Stroi. i dor. mash. 13 no. 9:27-31 S '68.
- 621.88 Mechanical attachments and fixings
Effect of microalloying and thermomechanical treatment on fatigue strength and cyclic relaxation of copper-base spring alloys. G. S. Ionychev and others. Izv. vys. ucheb. zav.; mashinost. no. 1:133-137 '68.
- Experimental study of distributed pressure against the supporting plane on the end coil of a helical cylindrical compression spring. V. N. Slukach. Izv. vys. ucheb. zav.; mashinost. no. 1:38-41 '68.
- Manufacturing of tempered guide screws. N. D. Krutkovskikh. Mashinostroi. no. 8:11 Ag '68.
- Nuts of guide screws for shifting heavy units. V. A. Burkov. Stan. i instr. 39 no. 6:7-8 Je '68.
- The secret of "magic cubes". N. Kolinko. Inform. biul. VDNKH no. 8:9-11 Ag '68.
- Wrenches for tightening thread joints. G. I. Pionkov, I. L. Rubin, A. S. Melnikova. Mont. i spets. rab. v stroi. 29 no. 1:20-22 Ja '67.
- 621.89 Lubrication. Friction reducing and increasing devices
Changes in the flowsheet of the lubrication of movement bearings. Mor. flot. no. 9:23 S '68.
- Condensation of alkylphenols with formaldehyde and diethylamine. A. M. Kuliev and others. Azerb. khim. zhur. no. 1:93-97 '62.
- Detrimental effect of lubrication channels on operations of the friction unit. I. A. Zubkov. Energomashinostroenie 14 no. 8:39-40 Ag '68.
- Effective lubricants for molds in the manufacture of reinforced concrete products. M. Larionov. Bud. mat. i konstr. 9 no. 4:36-37 J1-Ag '67.
- A hydrodynamic model of hard grease. A. M. Mkhitarian, A. F. Aksekov, V. I. Tokarev. Izv. vys. ucheb. zav.; mashinost. no. 1:97-99 '68.
- Improving the antifriction properties of textile separators. I. M. D'achev. Mashinostroi. no. 8:40-41 Ag '68.
- Improving the quality of thin cold-rolled sheets. I. A. Chamin and others. Metallurg 13 no. 7:27-29 J1 '68.
- Mechanism of pigmentary lubricants stabilization by lithium adipate. E. M. Oparina and others. Khim. i tekhn. topl. i masel. 13 no. 9:21-24 '68.
- 621.9 Tools. Machine tools. Machining
Accelerated testing of spindle units of precision machine-tools. A. M. Dal'skiy, G. A. Kotova, E. A. Shilova. Stan. i instr. 39 no. 6:1-2 Je '68.
- Advanced technology and automation of production. A. E. Vistkin. Mekh. i avtom. no. 22 no. 9:1-4 '68.
- Braiding of thin plates during machining. I. A. Volodin. Stan. i instr. 39 no. 6:35-36 Je '68.
- Determining the shape of the cathode in electrolytic dimensional polishing. G. A. Alekseev, I. U. S. Volkov, I. I. Moroz. Stan. i instr. 39 no. 6:11-12 Je '68.
- Efficient fields of using narrow-work cutter-loaders with different operating mechanisms. V. I. Minichev. Ugol' 43 no. 6:50-53 Je '68.
- Hard-alloy boring bars with dynamic vibration dampers. A. E. Lamon, V. F. Rovva. Stan. i instr. 39 no. 6:28-29 Je '68.
- High-precision grinding of guide bars. I. U. Larin, V. I. Anokhin. Mashinostroi. no. 8:34-35 Ag '68.
- A machine for reversing sleeves. G. G. Zaikin. Mashinostroi. no. 8:44 Ag '68.
- Machining of the hastelloy-D alloy. S. N. Filonenko, V. P. Lukin. Stan. i instr. 39 no. 6:24 Je '68.
- A new cutting tool. A. P. Dragun. Mashinostroi. no. 8:45 Ag '68.
- New developments in foreign technology. Avi. prom. 34 no. 6:47-41 Je '68.
- New method of part hardening. N. G. Belov. Mashinostroi. no. 8:33 Ag '68.
- Reversible binary decimal counter with logical couplings. A. I. Angolt, V. V. Bodin. Stan. i instr. 39 no. 6:3-5 Je '68.
- Use of immersed coil coolers with a mixer. I. A. Zhivaikin. Trudy UNIKHIM no. 10:122-126 '63.
- 621.9(437)—Czechoslovakia
Special machine-tools of the Slovak concern (Czechoslovak Socialist Soviet Republic) plants. Stan. i instr. 39 no. 6:40-41 Je '68.
- 621.9(497.2)—Bulgaria
Metal-cutting machine-tools at the 23d International Industrial Fair in Plovdiv. N. P. Koyev. Stan. i instr. 39 no. 6:36-40 Je '68.
- 621.91 Roughing, planing, shaping, slotting. Milling. Filing. Rasping. Broaching
Calculating maximum parameters in diagonal gear milling. B. K. Shumov. Stan. i instr. 39 no. 6:15-19 Je '68.
- Device for machining corrected phoboid worm gears. N. A. Shevchenko, I. U. I. Retivskiy, L. A. Simonenko. Stan. i instr. 39 no. 6:9-10 Je '68.
- Device for milling cams. V. V. Keylov. Mashinostroi. no. 8:15 Ag '68.
- Dinks from a rolled diamond and steel powder strip. V. P. Pashov, M. A. Tsvetov, E. B. Ventsh. Mashinostroi. no. 8:21 Ag '68.
- In the Ministry of Machine-tool and Cutting-tool Industry. Mekh. i avtom. no. 22 no. 9:48 '68.
- Increasing the automation level of milling machines with numerical programming control. V. M. Sviridov and others. Stan. i instr. 39 no. 6:2-3 Je '68.
- New equipment for milling of patterns in electrovalcanizing press-molds. B. M. Petkov, A. P. Afanasev. Kauch. i rez. 27 no. 10:37-40 '68.
- New machine-tools. Stan. i instr. 39 no. 6:44 Je '68.
- Selecting the parameters of gear-wheel cutter for cutting involute-profile slots. A. P. Il'yosov. Stan. i instr. 39 no. 6:38-32 Je '68.
- Use of a portable longitudinally milling machine in the machining of side frame of flat sliding gates. A. M. Rodin. Energ. stroi. no. 28:92-93 '62.
- 621.92 Abrading, abrasives. Grinding, polishing. Crushing, rep- arating and mixing
Accelerating the grinding of commercial alumina under the effect of organosilicon surface-active substances. G. V. Kukolev and others. Ognemoy 33 no. 6:1-4 '68.
- Calculating grain composition of the rock products crushed in a centrifugal impact crusher. G. A. Mingos. Shor. trud. VNIINerud no. 23:121-127 '67.
- Calculating work parameters of refractory body maker. V. I. Makarov, A. P. Iurin. Ognemoy 33 no. 9:10-12 '68.
- Causes for shearing teeth of a cutting tool subjected to grinding. S. I. Aronov, E. I. Malukina. Stan. i instr. 39 no. 6:34-35 Je '68.
- Change of granulability of coals at their processing in a high-frequency electric field. S. A. Shchadinskiy. Khim. i tekhn. topl. no. 6:130-134 S '68.
- Composition of the dust in gas heat carriers, and operational efficiency of cyclones on the parallel counter-current-type installations. P. I. Nefedov and others. Podg. i koks. ugl. no. 6:320-343 '65.
- Designing the body of KKD 1500/180 conical crusher. E. I. Sukhin. Trudy Un. druzh. nar. 28 Stroi. no. 3:191-226 '67.
- Diamond cutting tools on ceramic bonding. Y. G. Ruban and others. Mashinostroi. no. 8:10 Ag '68.
- Diamond honing of holes in body parts. A. D. Kadin, S. D. Shevchenko, I. P. Tomilla. Stan. i instr. 39 no. 6:44 Je '68.
- Diamond honing of nitralloys. I. I. Zvonkov. Mashinostroi. no. 8:23 Ag '68.
- Diamond machining of broaches. I. P. Zakharenko, M. Z. Mikhalein, V. A. Rybitskiy. Mashinostroi. no. 8:21-23 Ag '68.
- Diamond machining of parts of drive gear pumps. A. A. Sagarda and others. Mashinostroi. no. 8:30-31 Ag '68.
- Durability of the tool after diamond sharpening and finishing. B. S. Korsunov. Mashinostroi. no. 8:20-30 Ag '68.
- Effect of lateral feed and disengagement in internal grinding on the waviness of the surface. S. I. Rubinchik, I. A. Solovchik. Stan. i instr. 39 no. 6:21 Je '68.
- Efficiency of the crushing and conveying of overloads in systems with semiautomatic loading units. V. I. Kovalov, G. P. Vorob'ev. Trudy IGDSverd. no. 17:100-104 '67.
- Elastic diamond strips for polishing. E. S. Rabinovich, I. Kh. Chapovetskiy. Mashinostroi. no. 8:20 Ag '68.
- Electrochemical grinding of hard-alloy cutters. V. G. Vasil'ev, I. U. L. Kanevskiy. Mashinostroi. no. 8:28 Ag '68.
- Four-high electromagnetic ERS-6 separator for the beneficiation of oxidized iron and other weakly magnetic ores. B. A. Kravets, V. V. Krutik, A. M. Kulik. Gor. zhur. 144 no. 9:45-46 S '68.

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- Generalization on experience in the adjustment and design of screw-type pulverized coal feeders developed by the Moscow Power Engineering Institute and the Moscow Regional Administration of Power System Management. V. M. Maksimov. *Toploenergetika* 15 no. 7-37-41 11 '68.
- Geometrical method for defining the law of wear. G. Dinov. *Dokl. AN SSSR* 181 no. 6:1354-1356 '68.
- High-precision grinding of guide bars. I. I. Farla, V. I. Anokhin. *Mashinostroitel'* no. 8:34-35 Ag '68.
- Increasing the contact strength of gear wheels by electrolytic polishing. A. D. Kornov, N. F. Kuz'min, G. K. Gorbets. *Stan. i instr.* 39 no. 6:32-33 Je '68.
- Industrial testing of DMRE-type hammer crushers. V. F. Tupchala and others. *Gor. zhur.* 144 no. 9:46-47 S '68.
- Industrial testing of sand-gravel hydraulic sorters. I. G. Ioffe. *Sbor. tr. iud. VNIINerud* no. 23:119-157 '67.
- Introducing scientific organization of labor at a crushing and grading plant. A. T. Piontski, R. S. Kishina, V. I. Vasil'ev. *Sbor. tr. iud. VNIINerud* no. 23:14-50 '67.
- Liabilities of mechanisms underlying the erosive wear of materials due to friction and liquid or gas flow past their surfaces. M. V. Khamla, I. V. Knapel'skii. *Dokl. AN SSSR* 181 no. 6:1372-1374 '68.
- Metallic bonding of cutting tools made of synthetic diamonds. S. N. Kovalev and others. *Mashinostroitel'* no. 8:19-20 Ag '68.
- Modernization of four-roll crushers. A. L. Matov, P. I. Kuypa. *Metallurg* 13 no. 5:10-11 My '68.
- New organic bonds. I. P. Kogozov, V. L. Kutsevich, V. T. Chalyi. *Mashinostroitel'* no. 8:16-17 Ag '68.
- Selective cleaning of blooms and slabs. A. A. Bobrik. *Metallurg* 13 no. 6:30-32 Je '68.
- Shaping and trimming diamond disks. M. S. Itskovich, V. K. Putlenko, V. G. Tsvetkov. *Mashinostroitel'* no. 8:27 Ag '68.
- Sharpening cutting tools with diamond disks. I. U. P. Zimina, V. I. Malovannyi. *Mashinostroitel'* no. 8:28 Ag '68.
- Size grading of products from separate rock lumps crushed by impact. G. A. Maslov. *Sbor. tr. iud. VNIINerud* no. 23:128-136 '67.
- Skipping of the terminal link of a precession-shifting mechanism at reversing. A. V. Bykhovtsov, A. P. Knapel, L. P. Kotov. *Stan. i instr.* 39 no. 6:5-8 Je '68.
- Smoothing openings with diamond machining. I. P. Tsvetkov and others. *Mashinostroitel'* no. 8:28 Ag '68.
- Sorting granular materials in screens submerged in water. N. P. Savol'ov. *Sbor. tr. iud. VNIINerud* no. 23:137-149 '67.
- Studying the pneumatic method for sorting sands. V. A. Solov'ev. *Sbor. tr. iud. VNIINerud* no. 23:113-120 '67.
- Use of hydrocyclones at the Hydraulic Plant of the Volchanskoy Trust. V. A. Utin. *Podg. i koks, ugl.* no. 6:69-71 '65.
- 621.92 (431)—German Democratic Republic
Tons—epitaxial honing machine tools of the firm Mannheim from the German Democratic Republic. I. A. Zak. *Avi. prom.* 34 no. 6:45-46 Je '68.
- 621.93 Sawing. Saws. Cutters
A new pipe cutter. I. I. Rubin, V. I. Pavlov. *Mont. i spets. rab. v stroi.* 30 no. 4:17-18 Ap '68.
- 621.94 Lathes and lathe work. Turning
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- Disks from a rolled diamond and steel powder strip. V. P. Krasnov, M. A. Turonov, E. B. Vernik. *Mashinostroitel'* no. 8:21 Ag '68.
- 621.95 Drills and drilling. Reaming. Centering
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- Boring bit for machining deep holes. M. I. Itkin, I. U. B. Mikhailov, I. M. Oskotskii. *Stan. i instr.* 39 no. 6:29-30 Je '68.
- Effect of operations of the main drive on vibrations of the jig borer. M. K. Klebanov and others. *Stan. i instr.* 39 no. 6:8-9 Je '68.
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- Solid hard-alloy drills for machining heat-resistant alloys. A. A. Ryzhkin. *Stan. i instr.* 39 no. 6:20-28 Je '68.
- A telescopic lengthening device for utilized drilling machine tools. I. A. Zak. *Avi. prom.* 34 no. 6:43 Je '68.
- 621.95 (477)—Ukrainian S. S. R.
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- 621.96 Perforating. Blanking. Shearing. Cleaving
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- 621.97 Hammers. Presses
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- The "golden cross-section" A. A. Mel'nikov. *Tekhn. est.* 5 no. 6:5-10 Ag '68.
- Semiautomated control of steam and air forging hammer. L. I. Zhidov, G. Kh. Gabuov, I. A. Zil'ber, M. Kh. I. avtom. proiz. 22 no. 9:18-19 '68.
- 621.98 Sheet metal working, bending machines
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- Testing sheet materials for deep drawing. V. S. Zoteev, B. L. Smushkovich, V. N. Bogalenin. *Zav. lab.* 34 no. 1:97-101 '68.
- 621.99 Screw (thread) cutting
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- Investigating the process of rolling internal threads. S. I. Zhititskii, O. S. Andrichikov. *Stan. i instr.* 39 no. 6:21-23 Je '68.
- Overall mechanization in the production of threaded plastic parts. V. K. Zaygovodni, I. A. Sheval', A. S. Tsepelov. *Mont. i avtom. proiz.* 22 no. 8:5-7 '68.
- Twist drills with a composite relieving of intake cone for cutting threads in blind holes. A. A. Grudov. *Stan. i instr.* 39 no. 8:21-26 Je '68.
- 622 Mining and mineral dressing
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- Duration of block ventilation in massive ore caving. S. F. Shepotev, V. G. Korlov. *Vest. AN Kazakh SSR.* 24 no. 9:72-73 S '68.
- High-speed pyrolysis of the Baltic region shale with partial recirculation of gas. V. G. Koshchuk, N. B. Lohacheva. *Zhur. prikl. khim.* 41 no. 6:1274-1282 Je '68.
- Level of automation in mining and ore dressing enterprises. M. V. Mel'tser. *Izv. vys. ucheb. zav. i gor. zhur.* 11 no. 6:49-55 '68.
- Monuments of the history of mining. M. M. Makshinov. *Gor. zhur.* 144 no. 9:72-74 S '68.
- New books on mining. *Gor. zhur.* 144 no. 9:77-78 S '68.
- Open-pit mine as a system of mass service. O. I. Alekseev. *Vest. AN Kazakh SSR* 24 no. 3:65-68 Mr '68.
- Reliability of electric-power distribution circuits for central underground stations in coal mines. A. I. Borokhovich, I. A. Salamatov. *Izv. vys. ucheb. zav. i gor. zhur.* 11 no. 6:137-140 '68.
- Without scientific information technological progress is impossible. I. O. Kulikov. *Ugol'* 43 no. 9:76 S '68.
- 622 (471.23)—Leningrad Province
From work experience of the "Fosforit" Combine relative to the manufacture and use of abrasive parts of the hydraulic conveying equipment. I. U. A. Pegorol'skii, L. V. Kozuev. *Gor. zhur.* 144 no. 10:63 O '68.
- 622.1 Preliminary investigation. Exploration. Sampling and analysis
Mine survey of inaccessible underground cavities through vertical boreholes. A. P. Trutin, L. V. Fomichev. *Gor. zhur.* 143 no. 6:64-65 Je '68.
- Tapping the sludge during core drilling. I. B. Bulnaev, V. V. Perninov, R. P. Martynenko. *Razved. i kkh. nedr.* 34 no. 9:23-27 S '68.
- 622.2 Mining operations. Exploitation and working of mineral deposits. Oil and gas well drilling
Adopting the conveyor transportation in open-pit mines. A. N. Zil'ber, M. E. Ghit'man, S. A. Borezin. *Gor. zhur.* 144 no. 10:28-29 O '68.
- All-Union scientific and technical conference-discussion on the problem "Technology of oil and gas-well cementing." A. Bulatov. *Neft, khim.* 46 no. 9:71-72 S '68.
- Analyzing economic indices of cyclic-continuous techniques in some works regarding scientific research and design. V. K. Vasil'ev, I. U. I. Zhernakov. *Trudy IGD(Sverd.)* no. 17:181-180 '67.
- Analyzing the amount of labor consumed for maintaining workings in coal mines. M. N. Geleskut, A. N. Kravchuk, D. M. Usan-Podgornov. *Ugol'* 43 no. 9:20-23 S '68.
- Analyzing the causes of breakdowns of the parts of oil-field equipment. M. M. Melikov, S. G. Babayev, I. V. Sil'mak. *Za tekhn. prog.* 8 no. 8:17-10 Ag '68.
- Analyzing the performance of the automatic control system on DSH-1 drills. V. V. Kolokolov, N. F. Borodin. *Izv. vys. ucheb. zav. i gor. zhur.* 11 no. 6:152-165 '68.
- Area for the use of the laterolog method. M. Bondarenko. *Neftgaz. geol. i geofiz.* no. 7:53-56 '68.
- Calculating electric loads on drilling rigs. B. A. Azimov, D. M. Kromer. *Za tekhn. prog.* 8 no. 6:12-15 Je '68.
- Calculating parameters of boring and blasting operations for the purpose of obtaining the prescribed breakage in hard-to-blast rocks. V. K. Rubtsov. *Gor. zhur.* 143 no. 8:37-40 Je '68.
- Calculating the capacity of automatic volumetric output meters with forced evacuation and operating discretely. E. A. Ismailov. *Za tekhn. prog.* 8 no. 6:4-8 Je '68.
- Calculating the rate of mining in assigned length of time and sequence of mining operations. L. M. Klimitskii. *Ugol' Ukr.* 12 no. 6:8 Je '68.
- Causes of the crumbling of shaft lining in opening deep levels of the Tekel Mine. G. G. Mirzaev, I. U. S. Oruchev. *Izv. vys. ucheb. zav. i gor. zhur.* 11 no. 6:16-18 '68.
- Chamber and pillar system of mining with the caving of pillars over underlying chambers. M. I. Agoshkov and others. *Gor. zhur.* 143 no. 6:22-25 Je '68.
- Character of roof rock deformations in the chamber and pillar system of mining. B. A. Vol'khin, V. S. Soroshan. *Gor. zhur.* 144 no. 10:54-55 O '68.
- Classification of development methods of oil fields. P. M. Kuznetsov. *Geol. nefti i gaza* 12 no. 9:13-17 S '68.
- Classification of formations absorbing drilling muds in well drilling. N. I. Titkov, M. S. Vinnitskii, A. N. Krutik. *Neft, khim.* 46 no. 9:24-28 S '68.
- Classification of supports for longwalls. S. Kh. Klorik'-ian, B. K. Myslilov. *Ugol'* 43 no. 9:43-47 S '68.
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- Combination drilling of boreholes with small diameter bits. V. G. Kvitka, B. M. Kholkin, V. V. Ivantsov. *Razved. i kkh. nedr.* 34 no. 9:20-22 S '68.
- Complex and successive optimization of basic parameters of a coal mine in the block system of mining. S. M. Lipovich, A. Sh. Zelnitskii. *Ugol'* 43 no. 6:32-35 Je '68.
- Composition of drilling brigades' balance of time in structural drilling. A. M. Litits. *Organ. i upr. nedob. prom.* no. 9:27-28 '68.
- Conditions and objectives of scientific research on continuous techniques in mining half rocks, rocks and ores in open-pit mines. M. V. Vasil'ev, B. V. Raddeev, A. N. Shilin. *Trudy IGD(Sverd.)* no. 17:0-20 '67.
- Consistency of the pulp for hydraulic filling. V. N. Pokrovskaya, I. U. P. Boitsov. *Ugol'* 43 no. 9:38-41 S '68.
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- Continuous techniques in open-pit mines, and preparation of rocks and ores for conveyor transportation with the aid of boring and blasting operations. P. P. Bastan. *Trudy IGD(Sverd.)* no. 17:57-68 '67.
- Cutters for rotary drilling of boreholes in rocks. I. S. Tarasenko. *Ugol' Ukr.* 12 no. 6:23-26 Je '68.
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- Deep open-pit mines and continuous mining. A. N. Shilin. *Gor. zhur.* 143 no. 8:3-7 Je '68.
- Determination of heat-transfer coefficient in walls. A. V. Baranov. *Neftoprom. delo* no. 5:3-6 '68.
- Determining annual output of a mining level. V. I. Kovakov. *Trudy IGD(Sverd.)* no. 17:76-79 '67.
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- Determining rates of working movements of strip mine straight shovels with cranked lever thrust. V. R. Kubaekov, I. U. A. Devintkin, I. U. A. Ignatov. *Izv. vys. ucheb. zav. i gor. zhur.* 11 no. 6:102-108 '68.
- Determining the chalk and clay content in clay-chalk muds. U. L. Skaf'akina, A. F. Semenov. *Bucento* no. 8:18-17 '68.
- Determining the length of period between drainage operations in injection wells. V. G. Ishukhanov. *Neft, khim.* 46 no. 9:56-58 S '68.
- Determining the optimal area of chambers for mining ore deposits under complex mining geology conditions. P. V. Levushkin. *Gor. zhur.* 144 no. 10:29-31 O '68.
- Determining the optimum performance and the methods of mining working faces for rotary bucket excavators with inextensible flaps. I. U. D. Piatykh. *Gor. zhur.* 144 no. 9:23-25 S '68.
- Determining the performance of USB-2M plows. V. V. Mamonov, D. A. Varin, I. D. Poyl'nyi. *Ugol'* 43 no. 6:58-61 Je '68.
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- Dust and poison gas control during jet piercing of boreholes. V. S. Vashchenko and others. *Gor. zhur.* 144 no. 8:63-68 S '68.
- Economic estimate of mining systems, and determination of norms for losses and depletion in copper pyrite mines; open for discussion. A. I. Shurygin, B. K. Minin, V. I. Panchenko. *Gor. zhur.* 144 no. 10:18-21 O '68.
- Effect of a nonuniformly permeable dividing layer on the flow of fluid during simultaneous exploitation of two formations. K. I. Kuliev. *Trudy ANIHDN* no. 16:104-108 '65.
- Effect of aqueous solutions of surface-active agents on mechanical properties of rocks and the wear resistance of drill bit supports. I. U. F. Alekseev and others. *Bucento* no. 6:40-41 '68.

- Effect of clayey fractions on the strength of filling solutions. K. I. Repp, L. K. Vakhushiev, Gor. zhur. 143 no. 6:88 Je '68.
- Effect of drill-pipe leaking above a formation tester on the accuracy of the determination of reservoir characteristics. B. S. Laryushin, N. A. Kolosovskiy, I. K. Shalomo, Burenie no. 6:15-18 '68.
- Effect of quartzite slime on the wear of drill pipes. N. A. Okhapkina, V. L. Chelyshev, Izv. vys. ucheb. zav., gor. zhur. 11 no. 6:80-85 '68.
- Effect of the elasticity of an infinite parameter region on the indicators of development taking into account constant properties of fluids when lowering reservoir pressure below saturation pressure. G. P. Guseinov, G. A. Garmatov, Trudy AzNIIIN no. 15:33-41 '65.
- Effect of technological parameters on the result of hydrochloric acid treatments. M. F. Putilov, Nefteprom deba no. 5:26-28 '68.
- Effect of underground repairs on the frequency of rod breaks. L. I. Chirukov, Nefteprom deba no. 5:14-16 '68.
- Efficiency of combining operations in making lateral drifts and crossheadings in coal mines. A. S. Shchukin and others, Izv. vys. ucheb. zav., gor. zhur. 11 no. 6:25-30 '68.
- Effect of the nonuniform permeability of formations and dividing layers on the crossflow of fluids. K. I. Kutiev, Trudy AzNIIIN no. 15:110-117 '65.
- Efficiency of existing methods for the protection of coal seam drifts. I. A. Nekrasovskiy, A. A. Smikh, IU S. Shatkin, Ugol' 43 no. 6:29-31 Je '68.
- Efficiency of conveyor transportation. N. V. Vasilitsa and others, Trudy IGD(Sverd.) no. 17:170-180 '67.
- Efficiency of rods. N. A. Vagin, Izv. vys. ucheb. zav., gor. zhur. 11 no. 6:14-15 '68.
- Efficiency of the crushing and conveying of oversize in systems with semiautomatic loading units. V. I. Kovalev, G. P. Vorob'ev, Trudy IGD(Sverd.) no. 17:100-104 '67.
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- Work practices of the Astasuskii Mine Administration under conditions of the new system of planning and economic incentives. A. A. Kuz'min and others. Gor. zhur. 143 no. 6 11-16 Je '68.
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- At the Collégium of the Ministry of Coal Industry of the U. S. S. R. Ugol' 43 no. 9:73-74 S '68.
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- Best type of freight car for ore transportation. V. K. Beahko, D. N. Shipilev. Zhelezn. dor. transp. no. 12 35-37 48 D '67.
- Civil defense and coal industry. Ugol' 43 no. 9:56-61 S '68.
- Classification of potash deposits according to hydrogeological and engineering geology conditions. A. N. Andreichev. Gor. zhur. 143 no. 6:26-28 Je '68.
- Coal mine of tomorrow. A. S. Burechakov and others. Ugol' 43 no. 6 15-18 Je '68.
- Complex and successive optimization of basic parameters of a coal mine in the block system of mining. S. M. Lipkovich, A. Sh. Zeltvianskii. Ugol' 43 no. 6 32-35 Je '68.
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- Cost accounting for the production of coal. I. U. Igumov. Bukh. uch. 27 no. 7:3-11 Ji '68.
- Determining initial oil reserve in a gas-oil pool on the basis of pressure drop method. G. P. Guseinov, D. G. Alimmedov. Trudy AzNIIDN no. 15 52-56 '65.
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- Developing through a single well simultaneously two gas-bearing horizons with a slightly permeable dividing layer. V. I. Motnikov. Trudy AzNIIDN no. 15 169-175 '65.
- Does skip hoisting have any advantage in anthracite mines? A. G. Tikhomirov. Ugol' 43 no. 9:57-58 S '68.
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- Economy of a coal mine of tomorrow. P. I. Savodnikov. Ugol' 43 no. 9:8-10 S '68.
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- Effect of the elasticity of an infinite perimeter region on the indicators of development taking into account constant properties of fluids when lowering reservoir pressure below saturation pressure. I. P. Guseinov, G. A. Gamidov. Trudy AzNIIDN no. 15 33-44 '65.
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- Efficiency of existing methods for the protection of coal seam drifts. I. A. E. Nekrasovskii, A. A. Smilko, I. U. S. Strolkina. Ugol' 43 no. 6:20-31 Je '68.
- Establishing norms for gas conditions in coal mines. P. S. Kiselev. Ugol' 43 no. 6 19-20 Je '68.
- Excavator for digging trenches in oil and gas fields. I. N. Shektorov. Stroi truhoprov. 11 no. 9 34-35 S '68.
- Experience in injecting water into coal seams from mine water pipe. G. E. Panov, V. V. Suslov, V. V. Silaev. Ugol' 43 no. 6 65-66 Je '68.
- Experience in introducing the Archimedian-screw pitched cut in carrying out development workings in coal mines of Lugansk Region. A. F. Goudusov, A. P. Pastukhov. Ugol' 43 no. 9:35-38 S '68.

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- Experience in the complex degasification of coal mine sections. I. U. N. Bessonov and others. Ugol' 43 no. 6 61-65 Je '68
- Field of using cyclic-continuous flow sheets with major ore chutes. V. A. Shebekanov, E. M. Denisov, A. A. Chizhov. Trudy IGD(Sverd.) no. 17 109-113 '67
- Fiftieth anniversary of the decree of the Soviet government on the nationalization of the petroleum industry. V. M. Zhidano. Burenie no. 6 3-6 '68
- 50th anniversary of the Komsomol. L. Sanin and others. Sov. shakht. 17 no. 10 18-21 O '68
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- Flow of thinned liquid in nonuniformly permeable formations. T. D. Dadashova. Trudy AzNIIDN no. 15 45-61 '65
- Formation of industrial complexes and units and their characteristics in oil regions. S. P. Nikonorov. Trudy Geol. inst. Kazan, fil. AN SSSR no. 14 230-238 '68
- General review of living conditions of construction workers and medical services available to them. Stroil. truboprov. 13 no. 6 14 Je '68
- Great holiday of Soviet builders. Stroil. truboprov. 13 no. 8 1-3 Ag '68
- Highly efficient concentration tables for the preparation of small-class coals. I. S. Blagov, G. P. Ivanov. Ugol' 43 no. 6 68-73 Je '68
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- Hydraulic parameters and range of application relative to the flush out of advance cavities. A. A. Borisenko, O. V. Kovalev. Ugol' 43 no. 9 61-63 S '68
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- Increase the safety and operational reliability of coal mine stationary equipment. G. M. Nechuskin and others. Ugol' 43 no. 9 12-14 S '68
- Increase the safety of using powered supports. I. F. Ivanov and others. Ugol' 43 no. 9 16-17 S '68
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- Major trends in the development of the manufacture of wall materials from rock products. IE. Rudchenko. Budmatikonstr. 9 no. 4 13 Ji-Ag '67
- Measures for improving industrial safety. Stroil. truboprov. 11 no. 9 38 S '68
- Method of determining fixed payments. S. Lavin, V. Vasil'eva, Plan. khoz. 45 no. 10 64-69 O '68
- Methods of calculating load standards for stone mechanized complexes and the number of workers for their operation. P. G. Korzh. Izv. vys. ucheb. zav.; gor. zhur. 11 no. 8 44-48 '68
- Mining multigrade ores with full conveyor transportation in open-pit mines. A. L. Kabaev. Trudy IGD(Sverd.) no. 17 105-108 '67
- Mining native sulfur deposits under complex hydrogeological conditions. V. F. Reutskii and others. Gor. zhur. 144 no. 9 19-22 S '68
- New advanced equipment for hydraulic mining gravel-sand quarries. Kh. Sh. Mustafin. Shor. trud. VNIINord no. 23 38-43 '67
- New developments in awarding bonuses. N. Budnikov. Sov. shakht. 17 no. 10 27-28 O '68
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- Operation of KM-97 units. I. U. K. Lopatenko and others. Ugol' 43 no. 9 50-53 S '68
- Overflow from one horizon to another through a lithological window between two rows of producing wells located in different horizons. G. P. Guseinov. Trudy AzNIIDN no. 15 97-103 '65
- Pay the greatest attention to problems of economics. B. B. Avdeev. Ugol' 43 no. 6 12-14 Je '68
- Plane-radial nonstationary gas flow. G. P. Guseinov, G. S. Kambarov. Trudy AzNIIDN no. 15 78-83 '65
- Planning the effect of providing coal mines with equipment for the replenishment of fixed funds. N. A. Margulis. Ugol' 43 no. 6 24-26 Je '68
- Preliminary results of the determination of the coefficient of oil recovery from a fractured reservoir on the basis of field data. N. P. Lebedinskii. Geol. nefli i gaza 12 no. 9 49-51 S '68
- Present status of and prospects for the development of mineral deposits as a source of raw materials for the rock products industry. I. P. Butenko. Shor. trud. VNIINord no. 23 9-20 '67
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- Reviewing industrial production efficiency in honor of the centennial of the birth of V. I. Lenin. Stroil. truboprov. 13 no. 8 4-5 Ag '68
- Revision of "Safety Regulations in Coal and Shale Mines." F. D. Shevriakov. Ugol' 43 no. 9 14-15 S '68
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- Safety regulations should take into account peculiarities of each specific basin. A. M. Naidyeh, A. V. Anlov. Ugol' 43 no. 9 15-16 S '68
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- Some problems connected with accelerated introduction of fields into production. S. I. Iudin. Stroil. truboprov. 11 no. 9 9-10 S '68
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- Study of the effect of annealing conditions of dolomites on their physicochemical properties. N. F. Blantsava, G. I. Khvostikov. Zhur. prikl. khim. 41 no. 6 1183-1190 Je '68
- Study of the interference of horizons during their development using the EM-6 electric model. G. P. Guseinov, G. P. Guseinov, G. M. Tagiev. Trudy AzNIIDN no. 15 150-168 '65
- Studying some problems of the elastic regime of a flow. G. P. Guseinov, I. A. Nasrullaev. Trudy AzNIIDN no. 15 71-77 '65
- Studying the processes of oil bank boundary changes and well drawing in a nonuniform reservoir. B. A. Avimov and others. Trudy AzNIIDN no. 15 89-96 '65
- Success of operations in the fall and winter seasons is depending on preparations. Stroil. truboprov. 11 no. 9 3-4 S '68
- Unsteady flow of a fluid to a gallery in a fractured medium. G. S. Kambarov. Trudy AzNIIDN no. 15 84-88 '65
- Urgent problems in achieving the rated capacity of coal mines. B. L. Kaganovich. Ugol' 43 no. 9 1-5 S '68
- Use of glass tiles for the lining of compartments. V. V. Tutchev. Stroil. truboprov. 13 no. 6 34 Je '68
- Use of the smoothing method in reproducing random vibrations of apparatus for mine automation. V. A. Mikhailov, A. E. Bozhko. Izv. vys. ucheb. zav.; gor. zhur. 11 no. 6 156-160 '68
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- Why did the accident occur? B. Nikolaev. Sov. shakht. 17 no. 10 23 O '68
- Wider competition for attaining high rates in the growth of labor productivity. Ugol' 43 no. 9 1-2 Je '68
- 622.3 (4/8. 103)—Communist countries of the world
- For further development of the coal industry of the member-countries of CMEA. A. V. Dokukin, N. N. Ershov, E. N. Deigunov. Ugol' 43 no. 9 74-76 S '68
- 622.3 (4/8. 104)—Capitalist countries of the world
- Monopoly capital in the petroleum industry of the capitalist world. A. I. Borzhomidze. Vest. Mosk. un. Sei. 7 Ekhn. 23 no. 5 58-65 S-O '68
- 622.3 (4)—Europe
- Our chief concern. Lucien Labruno. Vsem. prof. dvizh. no. 7 38-39 Ag '68
- 622.3 (471. 13)—Komi A. S. S. R.
- Experience in introducing scientific organization of labor in coal mines of the Vorkutaugol' Combine. S. V. Sizov, A. G. Vasil'ev. Ugol' 43 no. 6 1-5 Je '68
- 622.3 (471. 323)—Kursk Province
- Dressing aluminum ores of the Lebedel deposit in the Kursk Magnetic Anomaly. G. M. Kosol, A. A. Shirinayev, I. U. G. Novikov. Gor. zhur. 144 no. 10 58-60 O '68
- 622.3 (471. 4)—Central and Lower Volga regions
- Potentials for the growth of labor productivity in the petroleum production industry of the Ural-Volga area. M. G. Dasaev. Trudy Geol. inst. Kazan, fil. AN SSSR no. 14 237-242 '66
- Some problems of economic effectiveness of geologic prospecting operations and the development of oil production in the central Volga Valley in the years 1966-1970. S. P. Nikonorov, M. G. Dasaev. Trudy Geol. inst. Kazan, fil. AN SSSR no. 14 243-250 '66
- 622.3 (471. 41)—Tatar A. S. S. R.
- Determination of perspective costs of oil production in the Tatar A. S. S. R. K. I. Azizov. Trudy Geol. inst. Kazan, fil. AN SSSR no. 14 223-229 '66
- Installation of industrial equipment. V. N. Zinov'ev. Stroil. truboprov. 11 no. 12 23-24 D '66
- Intra-industry potentialities for the development and distribution of the petroleum production industry in the Tatar A. S. S. R. K. I. Azizov and others. Trudy Geol. inst. Kazan, fil. AN SSSR no. 14 216-222 '66
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- Yearly plan to be fulfilled by December 20th. R. Vafina. Stroil. truboprov. 13 no. 8 4-5 Ag '68
- 622.3 (471. 43)—Kuybyshev Province
- Improving the organization of the large-scale transportation of freight in enterprises of the "Kuybyshevneft" Combine. V. I. Larin and others. Organ. i upr. nefteob. prom. no. 9 15-18 '68
- 622.3 (471. 5)—Ural regions
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- Some problems of economic effectiveness of geologic prospecting operations and the development of oil production in the central Volga Valley in the years 1966-1970. S. P. Nikonorov, M. G. Dasaev. Trudy Geol. inst. Kazan, fil. AN SSSR no. 14 243-250 '66
- 622.3 (477)—Ukrainian S. S. R.
- At the Ministry of Coal Industry of the Ukrainian S. S. R. L. S. Piliukhanov, B. M. Shekhanakii. Ugol' Ukr. 12 no. 6 51-52 Je '68
- Coal industry of the Ukraine in 1967. Ugol' Ukr. 12 no. 6 53-55 Je '68
- Distribution of hydrocarbon-utilizing microorganisms in soils of the Borislav oil fields. I. P. Kryvyts'kiy, Mikrobiol. zhur. 30 no. 3 216-221 My-Je '68
- Efficiency of using external water stemming in potash mines of the Western Ukraine. M. A. Samoilov, A. V. Slonchenko. Izv. vys. ucheb. zav.; gor. zhur. 11 no. 6 3-4 '68
- Methods for economic estimate of damages due to losses and depletion of iron ores in mines of the Kirovograd Basin. M. D. Onishchenko, A. G. Khlobov. Gor. zhur. 144 no. 9 13-15 S '68
- Preparing low-phosphorus manganese concentrates from ores of the Gushcheva-Basanka section of the Nikopol' deposit. I. A. Dolokova and others. Gor. zhur. 144 no. 10 55-57 O '68
- 622.3 (477. 8)—Donets Basin
- Efficiency of using capital assets in the coal industry. V. Mykhal'uk, A. Fedorovich, Ekhn. Rad. Ukr. 10 no. 6 56-62 Je '68
- Experience in organizing daily accounting of costs and sales of coal in mines of the Kostovugol' Combine. M. I. Feidman. Ugol' 43 no. 9 25-27 S '68
- Improving methods of developing and mining levels in mines of the Luganskugol' Combine. N. K. Grin'ko and others. Ugol' 43 no. 9 28-31 S '68
- 622.3 (477. 2)—Bulgaria
- Spalling of fine-grained coal mixtures in vertically vibrating aqueous media. K. Krasteva, St. Stoev. Ugol' 43 no. 9 64-69 S '68
- 622.3 (571. 12)—Tyumen' Province
- Developments in the Tyumen' branch of the All-Union Research Institute of Pipeline Construction. A. V. Sizov. Stroil. truboprov. 11 no. 12 24-25 D '66
- It is recommended to use waterways and local building materials in Tyumen' Province. I. V. Tsyaplyuk. Stroil. truboprov. 11 no. 9 36 S '68
- Possibilities of using local building materials in Tyumen' Province. I. N. Veprik, V. E. Lezhikh. Stroil. truboprov. 11 no. 12 4-6 D '66
- Problems of supplying materials and equipment to the petroleum production enterprises of Western Siberia. M. K. Gol, A. Kuz'min, Organ. i upr. nefteob. prom. no. 9 10-15 '68
- 622.3 (571. 17)—Kemerovo Province
- Improve mining costs in coal mine sections. I. Gumen'ko. Bukh. ucheb. 27 no. 7 11-14 Ji '68
- The No. 3 - 3-bis Mine is the standard bearer of Prokopyevsk Enterprises. N. V. Voinitskiy, K. I. Sankin. Ugol' 43 no. 9 6-12 Je '68
- Technology of open-pit coal mining using hydraulic methods in the Kuznetsk Basin. G. A. Nurok and others. Ugol' 43 no. 9 37-41 Je '68
- 622.3 (574)—Kazakh S. S. R.
- Business accounting and material incentives. B. Kuz'minov, I. U. Annanov. Nar. khoz. Kazakh. no. 9 15 10 S '68
- Experience in achieving the rated capacity of the No. 3 "Tentekskaya" Coal Mine before scheduled time. N. A. Dzizhd and others. Ugol' 43 no. 9 5-8 S '66
- Experience in mining the Kizil-Sputnik seam in conditions of the No. 6-7 Coal Mine of the Abayugol' Trust. A. P. Nomkin. Ugol' 43 no. 9 32-35 S '68
- Potassium salts of the Zhilysay deposit. B. Mikhalev and others. Nar. khoz. Kazakh. no. 9 82-84 S '68
- Technological progress, dissemination of progressive practice, and results. P. Malonin, M. Evlunov, V. Chaika. Nar. khoz. Kazakh. no. 8 61-63 Ag '68
- Work needs, and prospects of a petroleum and gas producing region. M. Isenov. Nar. khoz. Kazakh. no. 8 77-83 Ag '68
- 622.4 Mine services, installations, equipment
- Apparatus for measuring the flow of drilling fluid in diamond-drilled wells. A. M. Doron, M. S. Kovinikii. Geofiz. app. no. 33 148-153 '67
- Calculating variations of atmospheric pressure, airflow speed, and geodetic height in various methods of ventilation pressure measurements. V. A. Iartsev, V. A. Podlukov, I. U. A. Chudov. Izv. vys. ucheb. zav.; gor. zhur. 11 no. 6 67-71 '68
- Determination of the optimum depression of mines. N. I. Ivanov, O. V. Kudravitsev. Gor. zhur. 143 no. 6 67-69 Je '68

- Determining the depth of regulation and the total air flow in coal mines for controlling mine ventilation according to gas factor. R. B. Tlan. *Izv. vys. ucheb. zav., gor. zhur.* 11 no. 6:61-66 '68
- Diffusion of dynamically active gases in mine ventilation flows. K. Z. Ushakov. *Izv. vys. ucheb. zav., gor. zhur.* 11 no. 6:72-77 '68
- Distance flow meter for continuous observation of changes in the volumetric flow rate of drilling fluid. V. T. Vnatski. *Geofiz. app. no. 34:148-151 '67*
- Dust and poison gas control during jet piercing of boreholes. V. S. Vashchenko and others. *Gor. zhur.* 144 no. 9:53-60 '68
- Efficiency of using self-propelled units in carrying out development workings. V. I. Bobkov and others. *Ugol' Ukr.* 43 no. 6:51-56 '68
- Electrical parameters of armored logging cables. I. N. Kovalchuk, L. A. Gorbunov, A. F. Nechaeva. *Geofiz. app. no. 34:151-163 '67*
- Experience in extinguishing spontaneous fires by the method of pressure equalization. M. S. Zhigulin. *Ugol' Ukr.* 43 no. 6:67-68 '68
- Glass plastic blades for mine axial fans. V. V. Vasil'ev and others. *Ugol' Ukr.* 12 no. 6:28 '68
- Influence of climatic conditions on the efficiency of underground mining in boundary areas. V. A. Shchelkachev and others. *Gor. zhur.* 144 no. 9:20-31 '68
- Initial pressure of compressed air required in machines of the BM-60 type. S. A. Atmanskiy, N. N. Gavrilov. *Gor. zhur.* 143 no. 6:35-37 '68
- Nonstationary heat exchange in a face zone subsequent to water injection into coal seams, and calculation of longwall heat taking into account the wetting. A. M. Ivanov. *Ugol' Ukr.* 12 no. 6:37-39 '68
- Replacement of cams in camera meters and microcamerometers. I. U. P. Tereshchenko. *Geofiz. app. no. 34:171-175 '67*
- Selecting economically efficient types of supports for coal mines with a high content of methane. M. T. Kirichenko. *Ugol' Ukr.* 12 no. 6:13-15 '68
- Small-size pulse source of neutrons for well generators. V. S. Vashin, E. V. Galkina, A. I. Gushakov. *Geofiz. app. no. 33:126-129 '67*
- Testing ARSH-1 equipment at Armenian ore beds. G. O. Gruzarian. *Geofiz. app. no. 34:176-178 '67*
- Use of an STRP-2K radiometer for continuous recording of the results of radiometric logging. E. P. Popov, A. I. Smitsyn. *Geofiz. app. no. 34:168-171 '67*
- Ventilation of blocks after large-scale blasting. A. K. Gria, E. N. Ushakov, A. T. Rykov. *Gor. zhur.* 144 no. 10:60-62 '68
- 622.5 Mine water. Drainage Unwatering**
Drying automobile tracks in Rozdol open-pit mines. V. F. Retuskii, A. P. Trachenko, A. D. Sherstukov. *Gor. zhur.* 143 no. 6:72 '68
- 622.5 (571.511)—Taymyr National District**
Hydrogeological conditions of mineral deposits in the Noril'sk region. B. V. Valitskiy, I. I. Roginets. *Uch. zap. NIIGA. Reg. geol.* no. 12:189-200 '68
- 622.6 Haulage and handling. Hoisting Winding**
Automatic control of the proper operation of speed relays. L. I. Kompaniets and others. *Ugol' Ukr.* 12 no. 6:31 '68
- Automatic lock fittings for gas pipes of mine vacuum-pump stations. V. N. Shalokhin. *Ugol' Ukr.* 12 no. 6:23-30 '68
- Continuous techniques in open-pit mines, and preparation of rocks and ores for conveyor transportation with the aid of boxing and blasting operations. P. P. Baskan. *Trudy IGD(Sverd.)* no. 17:87-86 '67
- Correlation factors affecting critical speed of pneumatic transportation of asbestos concentrates. S. I. Chass. *Izv. vys. ucheb. zav., gor. zhur.* 11 no. 6:186-170 '68
- Crushing of ore during its passing through chutes. I. A. Ostroshko, A. V. Skochkov, V. A. Iarimzin. *Gor. zhur.* 144 no. 10:32-33 '68
- Deep open-pit mines and continuous mining. A. N. Shilin. *Gor. zhur.* 143 no. 6:3-7 '68
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- D-5578 self-propelled middle-size grader for use in the North. B. N. Stavitsky and others. *Stroi. i truboprov.* 13 no. 9 1-5 '68.
- D-709 quarry assembly for soil mix processing. D. I. Maryshev and others. *Avi. dor.* 31 no. 8 17 Ag '68.
- Determining the capacity of a material and engineering base for the construction of northern gas pipelines. B. K. Dubina. *Stroi. i truboprov.* 13 no. 8 18-20 Ag '68.
- Determining the moisture of sand without drying it. V. P. Stoliakov. *Avi. dor.* 31 no. 8 28 Ag '68.
- Erecting 1-464-A large-panel buildings on loess. A. Holovchenko. *Bud mat. i konstr.* 9 no. 4 10 Ji-Ag '67.
- Experience in the use of piles with sand filling in the construction of supports at crossings. B. L. Gorlovskii, A. G. Gur'ianov. *Energ. stroi.* no. 28 70-71 '62.
- Fight against permafrost. L. Savinskii. *Inform. blud. VDNKH* no. 11 25-26 N '68.
- Improving the stability of pole foundations in heaving ground. N. D. Morenkov. *Transp. stroi.* no. 9 40 Ji Mr '68.
- Interaction of lining rings enclosed by rock. S. A. Chesnokov. *Transp. stroi.* no. 3 45-47 Ag '68.
- Interaction of water-bearing layers with mine shafts and tunnels. G. N. Kharitonov, V. S. Troianskii. *Transp. stroi.* no. 3 47-48 Mr '68.
- New technology of the depth compaction of loess and loesslike soils using churn-drill rigs. I. N. Kruglov. *Stroi. konst.* no. 8 113-121 '68.
- Nomenclature of pile driving equipment produced by the enterprises of the Ministry of Construction and Road Machinery. *Stroi. i dor. mash.* 13 no. 9 21-23 S '68.
- Organization of production and labor in tunneling operations. N. F. Karasov. *Transp. stroi.* no. 3 20-21 Mr '68.
- The PKZ-1 device for a rapid determination of soil stability. L. P. Zagoruko. *Gor. zhur.* 144 no. 9 68-69 S '68.

624.1 (Continued)
Soil compactors with vibropercussive action. B. A. Belostotski, B. I. Filippov, E. F. Fallinski. Avt. dor. 31 no. 7-21-22 J1 '68.
Some data on the moisture of soils in built-up areas. A. A. Sokolov. Izv. vyz. ucheb. zav., stroi. i arkh. 10 no. 8 10-23 '67.
Study of the deformation of loess soils with deep dies. A. I. Rabotnikov, A. F. Grishuk, V. S. Kozlovsk. Izv. vyz. ucheb. zav., geol. i razv. 11 no. 8:98-105 Ag '68.
Theory of the impact striking of piles. A. I. Mavrin. Izv. vyz. ucheb. zav.; stroi. i arkh. 10 no. 8-24-28 '67.
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Vibration tamping for compacting fill earth in narrow working spaces. G. I. Smugunov and others. Energ. stroi. no. 28-28-30 '62.
Welded joint in reinforced concrete piles. V. I. Akopov. Transp. stroi. no. 3 25-28 M1 '68.
Working principles of the new types of pickups for the direct measurement of compressive stresses in ground. G. E. Lazebnik. Stroi. konst. no. 8:127-139 '68.
Working overwet clays. A. A. Malyshev, A. S. Plotitski. Avt. dor. 31 no. 7-8-9 J1 '68.

624.1 (211)—Cold frigid regions
Thermal calculation of nonpressure water conduits with periodic flow under permafrost conditions. I. P. Konstantinov. Vod. i san. tekhn. no. 8 19-20 '68.

624.1 (571.51)—Krasnoyarsk Territory
Observing the state of thermal insulation of above-ground pipelines in permafrost regions. V. V. Ivon'tev. Stroi. i inzh. 13 no. 8 20-21 Ag '68.

624.1 (575.3)—Tajik S. S. R.
From the construction experience on the sedimentary grounds of Tajikistan. S. I. Vorozhtsov, T. G. Sagdiev, A. V. Trippel. Trudy Tadzh. politekh. inst. no. 2: 31-36 '67.
Problem of designing foundations for the supports of the Murak-Tashkent electric power line at river crossings. S. A. Vasilova. Trudy Tadzh. politekh. inst. no. 2-37-41 '67.

624.2 Superstructures. Bridges
Assembly of combined lift of a bridge span. V. V. Alekseev, G. G. Rozenberg, S. I. Borisov. Transp. stroi. no. 3 10-11 Mr '68.
Determining tension in mast guys by the sighting method. E. N. Selezneva. Mont. i spets. rab. v stroi. 20 no. 5: 7-19 My '67.
Erecting an 80 m. tower-attack by the building-up method. A. N. Andrusenko and others. Mont. i spets. rab. v stroi. 30 no. 4-6-8 Ap '68.
Erection of a cooling tower with spraying area of 2000 m². E. I. Gurovich, I. I. Zybin. Mont. i spets. rab. v stroi. 20 no. 5 11-13 My '67.
Erection of highway bridge spans by means of truss hoisters. I. N. Bubenshchikov, L. G. Vypov. Transp. stroi. no. 3 11-12 Mr '68.
Improved formulas. I. U. L. Inosov. Avt. dor. 31 no. 8: 25 Ag '68.
Methods of calculating erosion under bridges. G. A. Fedotov. Avt. dor. 31 no. 1-28-29 Ja '68.
New design for precast bridge piers. N. N. Dorofeev. Transp. stroi. no. 3 50 Mr '68.
Single-stage treble for process piping. Biol. stroi. tekhn. 29 no. 11:32-33 N '67.
Studying bridge piers by the modelling method. K. V. Taratishvili. Transp. stroi. no. 3 42-44 Mr '68.
Thermoplastic waterproofing of a bridge deck. I. A. N. Novikov and others. Transp. stroi. no. 3 13-14 Mr '68.

624.2 (474.3)—Latvian S. S. R.
Economic modern construction of a viaduct over Lake Lorne. Kh. Sviki and others. Avt. dor. 31 no. 1: 22-24 Ja '68.

625 Railway, highway engineering

Complete ahead of schedule the five-year plan. Transp. stroi. no. 3 1-2 Mr '68.
In the Collegium of the Ministry. Transp. stroi. no. 3: 61 Mr '68.
In the Technical Council of the Ministry of Transportation Construction. Transp. stroi. no. 3 62-63 Mr '68.

625.1 Railway engineering. Equipment and track

Approximate relation between weight of rails and exploitation factors. G. M. Shakhmurov. Trudy MIIT no. 271 123-168 '68.
Assembly of combined lift of a bridge span. V. V. Alekseev, G. G. Rozenberg, S. I. Borisov. Transp. stroi. no. 3 10-11 Mr '68.
Causes of breakage of continuous rails. V. N. Barybin, V. P. Chernyi. ZheI. dor. transp. no. 12:57-58 40 D '67.
Creation of a machine for adjusting railroad ties. A. N. Cherkasov. Transp. stroi. no. 3-27-28 Mr '68.
Determining the asymmetric cycle coefficient from experimental data. M. B. Smirnova. Trudy MIIT no. 271 118-119 '68.
Determining the longevity distribution in R65 rails. M. B. Smirnova. Trudy MIIT no. 271:120-122 '68.

Distribution of principle stresses and plastic deformation in the upper part of the R65 rail heads. A. M. Nikonov. Trudy MIIT no. 271:103-107 '68.
Efficiency of scraper columns. M. A. Shubin, I. I. Osmolovski. Transp. stroi. no. 3 26-27 Mr '68.
Improving the structural quality of roadbeds. D. I. Tsvetlov. Transp. stroi. no. 3 3-4 M1 '68.
Increasing the mechanization of track maintenance work. V. I. Shvalov, V. F. Atamanovskii. ZheI. dor. transp. no. 12 81-85 49 D '67.
Increasing traffic capacity of double track lines. M. Z. Afenshtadt. ZheI. dor. transp. no. 12 28-30 49 D '67.
Mechanical characteristics of R65 rails of standard manufacture. G. M. Shakhmurov and others. Trudy MIIT no. 271:3-101 '68.
Rail vibration under a moving varying load. A. I. Kogan. Vest. TSNII MPS 27 no. 1:7-11 '68.
Widening rock excavations for a double track. I. U. I. Khomov and others. Transp. stroi. no. 3 4-6 M1 '68.

625.1 (73)—United States of America
Investigating heavy-type rails of United States railroads. A. M. Nikonov. Trudy MIIT no. 271:167-179 '68.

625.2 Rolling stock, locomotives, etc.

Deformation of the exterior rim faces of cylindrical roller bearings in the axial direction. V. N. Tsiurenko, B. V. Didov. Vest. TSNII MPS 27 no. 1:15-18 '68.
Diagrammatic method of planning and controlling locomotive repair plants. A. G. Kirisanov. ZheI. dor. transp. 50 no. 7 39-47 J1 '68.
Efficiency of rolling stock is growing. V. M. Kovshinskii. ZheI. dor. transp. 50 no. 7 25-26 J1 '68.
Establishing location time norms for locomotives at turn-around points. I. B. Sotnikov, N. A. Samarin, A. A. Vyganov. ZheI. dor. transp. no. 12 30-32 49 D '67.
How to improve the performance of gas turbine locomotives. L. A. Danilov, M. F. Builak. ZheI. dor. transp. no. 12 50-54 49 D '67.
How to improve the planning of freight cars repair. I. U. Danilov. ZheI. dor. transp. 50 no. 7 61-63 J1 '68.
Improved use of diesel locomotives. V. F. Kaplin. ZheI. dor. transp. no. 12-55-56 49 D '67.
Increasing the operational reliability of electropneumatic brakes. V. F. Repno-Golovko. ZheI. dor. transp. 50 no. 7 63-65 J1 '68.
Mechanical cleaning of railroad cars. O. L. Ivanov. Metallurg 13 no. 10 37-38 O '68.
New electric locomotive for open pit mines. B. R. Bondaruk, N. A. Merkulov, S. M. Usachev. Stroi. nauch. trudy, LIIII 0-212-226 '67.
New research in the field of dynamics of springless rolling stock. N. N. Kudravin, M. I. Kulagin, G. S. Khvostik. Vest. TSNII MPS 27 no. 1:1-6 '68.
Optimization methods in the design of the mechanical portions of electric locomotives. A. I. Kravchenko. Stroi. nauch. trudy, LIIII 9-369-398 '67.
Overall mechanization of passenger-car painting. V. A. Sirotinski, G. P. Popenko. Mekh. i avtom. proiz. 22 no. 3:7-9 '68.
Preparation of electrical equipment of passenger cars for deparatura. A. A. Sheverdakov, I. A. Kh. Dumchik. ZheI. dor. transp. 50 no. 7 52-57 J1 '68.
Resistance to corrosion of welded joints of aluminum alloys under stress. A. P. Lavrov. Vest. TSNII MPS 27 no. 1:34-38 '68.
Selection of a structural design for an electric locomotive body. G. I. Kasovtsov, G. G. Kuprashvili, I. R. Melpariani. Vest. TSNII MPS 27 no. 1:18-22 '68.
Stabilization of mechanical properties of rubber shock absorbers in locomotives. L. E. Vintitski, L. G. Evaceva. Vest. TSNII MPS 27 no. 1:32-34 '68.
Strength of the oil film between the piston ring and the cylinder sleeve of a 2D100 diesel. G. A. Pofanov. Vest. TSNII MPS 27 no. 1:20-31 '68.
Structural analysis of the sidewall of a four-axle gondola car. M. I. Pashkevich. Vest. TSNII MPS 27 no. 1: 12-14 '68.
Study of transient processes of a four-cycle diesel engine. V. V. Vodolazhchenko and others. Vest. TSNII MPS 27 no. 1:26-28 '68.
Theoretical, experimental, and design work of the Novocheboksak Electric Locomotive Plant on the mechanical portion of main line electric locomotives. A. I. Kravchenko. Stroi. nauch. trudy, LIIII 9-368-388 '67.
Use of thyristors in rolling stock. V. I. Sergeev. ZheI. dor. transp. no. 12:70-80 49 D '67.
Work of locomotive gangs according to name schedules. D. I. Sherobogotov. ZheI. dor. transp. 50 no. 7 69-80 D '68.

625.2 (477)—Ukrainian S. S. R.
Continuation of great achievements. V. Rodenko. Komm. Ukr. 43 no. 7:49-51 J1 '68.
The high calling of a Communist. A. Usatenko. Komm. Ukr. 43 no. 7:48-49 J1 '68.
The leading force. V. Kudrakov. Komm. Ukr. 43 no. 7: 41-45 J1 '68.

625.2 (575.1)—Uzbek S. S. R.
Anniversary of a party organization. R. Plungian. Part. zhizn' (Uzb.) 11 no. 8:40-60 Ar '68.

625.2 (73)—United States of America

New types of freight cars on the railroads of the United States. G. E. Sorokin. ZheI. dor. transp. 50 no. 7: 88-92 J1 '68.

625.4 Elevated and underground railways

New layout principles for subway stations. I. M. Iakushkin, N. S. Timashev. Gor. khoz. Mosk. 42 no. 10 26-28 O '68.

625.4 (471.310)—Moscow City

Scientific organization of labor at the Severnoye terminal. V. I. Tsaritsyn. Gor. khoz. Mosk. 42 no. 10 28-31 O '68.

Scientific organization of labor in the State Administration of Construction of the Moscow Subway. I. M. Iakobson. Transp. stroi. no. 3 18-20 Mr '68.

625.4 (479.24)—Azerbaijan S. S. R.

Baku subway has been put into operation. A. I. Abdulagimov, S. N. Vlasov. Transp. stroi. no. 3 15-18 M1 '68.

625.7 Highway, road engineering

Additional resources of mineral powder. Avt. dor. 31 no. 7-11-13 J1 '68.
Basic trends in the production and use of bituminous emulsions. V. V. Mikhailov. Avt. dor. 31 no. 8:2-4 Ag '68.
Building foundations from screened-out rock waste. N. G. Grigorovich. Avt. dor. 31 no. 8:11 Ag '68.
Building subgrades on moist Solonchak soils. E. V. Kaganovich. Avt. dor. 31 no. 121-22 Ja '68.
Cable crane for conveying concrete mix during the erection of bridge piers. I. M. Tkachenko. Avt. dor. 31 no. 7 39 J1 '68.
Considering the shear resistance of peat when building roads on bogs. N. M. Golikova, G. G. Tristlin. Avt. dor. 31 no. 1-19-21 Ja '68.
Cross profile of a road and traffic pattern. A. Shviliakov, O. Divochkin. Avt. dor. 31 no. 7-23-24 J1 '68.
D-700 quarry assembly for soil mix processing. B. S. Maryshev and others. Avt. dor. 31 no. 8:17 Ag '68.
Depth distribution of bitumen in a ground layer being strengthened. V. S. Bocharov. Avt. dor. 31 no. 8: 23 Ag '68.
Determining the density of a highway system. A. P. Sidorov, A. A. Vorob'ev. Avt. dor. 31 no. 7-6 J1 '68.
Economic effectiveness of building rural roads. A. I. Aroski, A. Bolenko. Avt. dor. 31 no. 7 5 J1 '68.
Effect of the macrogeometry of slide valve distributor on the force required to move the plunger. A. K. Galkin. Stroi. i dor. mash. 13 no. 9:44-15 8 '68.
Effect of viscosity in emulsion preparation. V. I. Kuz'michev. Avt. dor. 31 no. 7-16-17 J1 '68.
Effective technology for breaking up clayey soils during their consolidation. L. N. Iakubova, E. I. Putlin. Avt. dor. 31 no. 11-13 Ja '68.
Erection of highway bridge spans by means of truss hoisters. I. N. Bubenshchikov, I. G. Vypov. Transp. stroi. no. 3 11-12 Mr '68.
Highly productive work based on modern technology. Avt. dor. 31 no. 8:1 Ag '68.
An improved road network for each region. Avt. dor. 31 no. 1-1-1-1 Ja '68.
Improving the quality of bituminous emulsions during acoustic emulsification. I. M. Evonov. Avt. dor. 31 no. 1:14-15 Ja '68.
Increasing the capacity of D-325 and D-567 mixers. A. I. Gol'dshteyn, I. U. N. Plotitski. Avt. dor. 31 no. 1-1-1-1 Ja '68.
Increasing the driving efficiency of vibration hammers. I. I. Bykhovskii, V. V. Villumson. Stroi. i dor. mash. 13 no. 8 9-10 S '68.
Kilometers of new roads. Avt. dor. 31 no. 1:2 Ja '68.
Make wider use of reserves for building rural roads. Avt. dor. 31 no. 7:1-2 J1 '68.
Manufacturing activated powder by a continuous cycle. E. Lepp, A. Meshin. Avt. dor. 31 no. 1:13-14 Ja '68.
Measuring large-scale landslides. A. I. Panukhin. Stroi. i dor. mash. 13 no. 8:37-38 S '68.
New stage in bridge construction in our country. I. A. Khazan and others. Avt. dor. 31 no. 1:24-26 Ja '68.
New standard for road making. A. Shumov. Avt. dor. 31 no. 7:22-23 J1 '68.
Production of hollow slabs for bridges. M. G. Ilyusov, K. V. Gailuk. Avt. dor. 31 no. 8:13-14 Ag '68.
Protecting mountain roads against snow avalanches. E. Dzhunushaliev, I. Nizarekova, A. I. Aleksov. Avt. dor. 31 no. 7:24-25 J1 '68.
Reconstruction of a subgrade in a marshy region. I. I. Evgen'ev, G. V. Strel'tses, V. N. Iaromko. Avt. dor. 31 no. 8:7-8 Ag '68.
Review the design standards for subgrades. A. I. A. Tulaev and others. Avt. dor. 31 no. 1:27-28 Ja '68.
Road building machinery. A. A. Vasil'ev. Avt. dor. 31 no. 1:14-16 Ja '68.
Road machinery at the "Interhimash-68" Exhibition. A. A. Vasil'ev, L. K. Voinich, A. S. Varganov. Stroi. i dor. mash. 13 no. 9-9-9 S '68.
Scientific organization of labor and business accounting in the work of integrated crews. N. Rozov. Avt. dor. 31 no. 1:6-7 Ja '68.
So they started. L. Vaulin, I. Naumenko, I. Gavrilov. Avt. dor. 31 no. 8:15-16 Ag '68.
Soil compactors with vibropercussive action. B. A. Belostotski, B. I. Filippov, E. F. Fallinski. Avt. dor. 31 no. 7-21-22 J1 '68.
A stand for determining the packing efficiency of machines. L. M. Bobylev, N. P. Voshchinnik. Stroi. i dor. mash. 13 no. 9:10-11 S '68.
Subgrade for highways in marshes. A. L. Okovity, G. A. Sterlin. Avt. dor. 31 no. 7:7-8 J1 '68.
Thermoplastic waterproofing of a bridge deck. I. A. N. Novikov and others. Transp. stroi. no. 3 13-14 Mr '68.
Use of emulsions is economical. A. A. Avenko, N. V. Travin. Avt. dor. 31 no. 8:4-5 Ag '68.
Working overwet clays. A. A. Malyshev, A. S. Plotitski. Avt. dor. 31 no. 7:8-9 J1 '68.

625.7 (431)—German Democratic Republic
Road building equipment of the German Democratic Republic. E. I. Zavadskii. Avt. dor. 31 no. 8:27-28 Ag '68.

625.7 (471.12)—Vologda Province

Potentials of economic efficiency. I. Gavrilov. Avt. dor. 31 no. 1:7-8 Ja '68.

625.7(471.312)—Tula Province
Roads for all collective and state farms. V. Guitling, B. Dagac'. Avt.dor. 31 no. 7-4 JI '68.

625.7(471.56)—Orenburg Province
Building rural roads in Orenburg Province. M. M. V. Senov. Avt.dor. 31 no. 7-3-4 JI '68

625.7(474.2)—Estonian S.S.R.
Use of emulsions in road building in Estonia. A. M. Meshin, M. V. Tammemägi. Avt.dor. 31 no. 8-5-6 Jg '68

625.7(477)—Ukrainian S.S.R.
In the interest of developing the economy of a region. V. A. Shifrin. Avt.dor. 31 no. 1-3-5 Ja '68

625.7(48)—Scandinavia
Cauldron clogs in place of sand drains. M. D. Morzon. Avt.dor. 31 no. 7-28-29 JI '68.

625.7(52)—Japan
Expressways in Japanese cities. V. G. Sokolov. Gor'khoz. Mash. 13 no. 10-40-43 O '68

Tokio - Nagoya - Kobe throughway. V. F. Babkov, V. V. Mikhailov. Avt.dor. 31 no. 7-25-26 JI '68

625.7(571.12)—Tyumen' Province
Combined soil strengthening in road building in Tyumen' Province. O. V. Tumentseva, V. I. Mokina. Avt.dor. 31 no. 7-7 JI '68.

Oilfield roads in the Tyumen' Province. A. V. Lutsier, V. M. Kostikov. Avt.dor. 31 no. 1-18-19 Ja '68

625.7(575.4)—Turkmen S.S.R.
Kum-Dag - Olakem. P. Sobolev, M. Shvarev. Avt.dor. 31 no. 7-9-11 JI '68.

625.8 Paving of roads. Wearing surfaces
Additional resources of mineral powder. Avt.dor. 31 no. 7-11-13 JI '68.

Asphalt concrete from gravel materials. L. B. Gerasimov, T. K. Ushakova. Avt.dor. 31 no. 8-10-21 Ag '68.

Bitumen proportioning device. A. Shneider. Avt.dor. 31 no. 7-31-32 JI '68.

Compacting the asphalt-concrete mix with a high crushed stone content. V. A. Zolotarev. Avt.dor. 31 no. 7-13-14 JI '68.

Effect of the macrogeometry of slide valve distributor on the force required to move the plunger. A. K. Galkin. Stroi. i dor. mash. 13 no. 9-14-15 S '68.

Foundations and pavements made from cement-sand concrete. E. R. Pirus, V. M. Shemin. Avt.dor. 31 no. 8-8-10 Ag '68.

Frost resistance of hot bitumen granulated slag mixes. A. N. Dolgov, S. I. Samodurov, G. A. Rasstegayeva. Avt.dor. 31 no. 7-17 JI '68.

Increasing the driving efficiency of vibration hammers. I. I. Bykhovskiy, V. V. Villumson. Stroi. i dor. mash. 13 no. 9-9-10 S '68.

Lightweight pavements on steel plates of automobile bridges. R. S. Azolau. Avt.dor. 31 no. 8-24-25 Ag '68.

Lime concretes for road building. N. I. Slesareva, V. G. Sokolov, G. K. Sinit'. Avt.dor. 31 no. 8-21 Ag '68.

Measuring large-scale linear shifts. A. I. Panukhin. Stroi. i dor. mash. 13 no. 9-37-38 S '68.

Mineral powder from water softening sludge. R. A. Nemirovskiy, N. F. Pochapskiy. Avt.dor. 31 no. 8-22 Ag '68.

Planting automated plants of asphaltic cement. V. Tarasov, N. Tarasova. Zhil. kom. khoz. 18 no. 7-16 JI '68.

Properties of pavement concrete hardening in a dry and hot climate. V. S. Shestoporov, A. S. Popov, S. Khalmukhamedov. Avt.dor. 31 no. 7-16-19 JI '68.

Road machinery at the "Interbytmash-68" Exhibition. A. A. Vasil'ev, L. K. Voinich, S. A. Varganov. Stroi. i dor. mash. 13 no. 9-6-9 S '68.

Running repair of asphaltic-cement pavements. I. Shekhet, V. Viktorova. Zhil. kom. khoz. 19 no. 8-9 Ag '68.

S-739 concrete mixer. I. K. Sharapov, B. I. Ushakov. Stroi. i dor. mash. 13 no. 9-5-6 S '68.

Selecting proper parameters of a tank for the transportation of dust-like materials. D. A. Vishnevskiy, A. I. Indenbaum. Stroi. i dor. mash. 13 no. 9-17-20 S '68.

A stand for determining the packing efficiency of machines. L. M. Bobylev, N. P. Voschinnin. Stroi. i dor. mash. 13 no. 9-10-11 S '68.

625.8(438)—Poland
Bitumen powder from acid asphalt. W. Skalmowski, M. Kalabinska. Avt.dor. 31 no. 8-26 Ag '68.

625.8(571.56)—Yakut A.S.S.R.
Pavement from hot asphalt-concrete mixes as used in Yakutia. N. V. Matlakov, I. U. E. Nikol'skiy. Avt.dor. 31 no. 8-12 Ag '68.

626 Hydraulic engineering and construction work
Burning-out of additives and accumulation of mechanical impurities in a motor. K. S. Ramala, I. A. Trakovenko, Khim. i tekhn. topl. i masel 13 no. 9-41-45 '68.

Engineering design of watertight structures. M. G. Startskiy. Izv. VNIIG 70-163-175 '62.

Experimental use of underwater television equipment in the Chernomorskeidrostruy Trust. L. P. Nikulin. Transp. stroi. no. 3-24 Mr '68

626(574)—Kazakh S.S.R.
Change in the water-salt content in steppe Solonchaks of Aktubinsk Province as a result of meliorative reclamation. K. A. Baikanov, A. Mukashova. Vest. sel'khoz. nauki [Kazakh], 11 no. 7-14-23 JI '68.

626.4 Locks, Sluices, Gates
Designing gates of tubular and closed-segmental profile V. I. Petrashen'. Izv. VNIIG 70-120-150 '62

Use of a portable longitudinally milling machine in the machining of side frame of flat sliding gates. A. M. Rodin. Energ. stroi. no. 28-92-93 '62.

Vibrations and frequencies of natural oscillations of cross beam gates. V. I. Petrashen'. Izv. VNIIG 70-151-162 '62.

Welded segmented gate of aluminum alloy. A. I. Burakov. Energ. stroi. no. 28-94-95 '62.

626.6 Agricultural hydraulics
All-Union Coordination Conference on Hydroinsulation and Anti-corrosion Protection of Equipment. O. A. Lukinskii. Gidr. i mel. 20 no. 8-115-116 Ag '68.

At the Scientific Council on "Water resources and water balance." V. S. Vuglinskii. Gidr. i mel. 20 no. 8-114-115 Ag '68

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626.8(45)—Italy
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626.8(471.61)—Rostov Province
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626.8(471.62)—Krasnodar Territory
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626.8(477)—Ukrainian S.S.R.
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626.8(479.24)—Azerbaijan S.S.R.
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626.8(575.2)—Kirghiz S.S.R.
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626.8(575.4)—Turkmen S.S.R.
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627 Natural waters and channels. River, port, harbor, and coast works, dams, etc.

627(471.310)—Moscow City
New bed of the Moskva River. V. K. Gurev. Gor'khoz. Mash. 49 no. 10-21-25 O '68

627.1 Natural inland waters
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627.2 Ports, harbors and roadsteads. Coast and marine works
627.2(477)—Ukrainian S.S.R.
New conditions, new requirements. L. Bol'monko, V. Smolentsov. Mor. flot. no. 8-6 S '68.

627.3 Port installations, equipment. Dockyards, quays, etc.
627.3(438)—Poland
Principal Polish ports. M. Kukul'skiy. Mor. flot. no. 33-34 S '68.

627.3(571.63)—Maritime Territory
Vladivostok. Mor. flot. no. 8-40-41 S '68.

627.5 Flood and coast protection works. Dikes, draining and reclamation
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627.5(479)—Caucasus and Transcaucasia
Shore protection works on the Black Sea coast of the Caucasus. G. I. Gushin, V. I. Petrovskiy. Transp. stroi. no. 3-22-23 Mr '68

627.8 Dams. Large reservoirs and barrage dams. Hydraulic power plant works
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627.8(471.41)—Tatar A.S.S.R.
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627.8(471.51)—Udmurt A.S.S.R.
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627.8(575.3)—Tajik S.S.R.
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628 Public health engineering
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628.1 Water supply. Waterworks
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628.1 (Continued)
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628.2 Sewerage. Sewers

628.2(52)—Japan

Sewerage system in Tokyo. V. S. Pevner. Gor. khoz. Mosk. 42 no. 10:43-45 O '68.

628.3 Sewage Purification, etc

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628.4 Town sanitation, cleaning, etc.

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628.5 Industrial sanitation, nuisances

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628.6 Drainage, sanitary installations of buildings

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628.6 Indoor climate engineering

Air conditioning in the cheese producing industry. S. F. Bogatyreva. Khol. tekhn. 45 no. 8:11-12 Ag '68.

628.9 Illuminating engineering

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629 Transport engineering

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629.1 Parts, equipment of vehicles or craft

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629.11 Land and road vehicles

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629.113 Mechanically propelled (motor) vehicles. Automobile engineering

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629.113(44)—France

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629.113(45)—Italy

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629.113(477.9)—Crimea

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629.113(475.1)—Uzbek S. S. R.

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629.118(477)—Ukrainian S. S. R.

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629.12 Shipbuilding. Ships. Boats

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629.12(439)—Hungary

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629.12(471.23)—Leningrad Province

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629.12(471.232)—Leningrad City

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629.12(471.341)—Gorkiy Province
Progress report by Gorkiy designers I. A. Fadeev
Sudostroenie 58 no. 9 72-75 S '68

629.123 Sea or ocean going vessels and ships
Efficient type of small tank vessel for the Far Eastern sea basin N. V. Barabanov, I. P. Pavlichenko, A. V. Pilypenko Sudostroenie 58 no. 9 5-9 S '68
Transportation of molasses in tankers, V. Durakov, Mor. flot. no. 9 10-11 S '68.

629.123(431)—German Democratic Republic
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629.124 Special types of vessels or craft
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Certain characteristics of ship arrangements on the crane vessel "Ker-Ogly," M. G. Shmakov Sudostroenie 58 no. 8 15-20 S '68.
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629.127 Submarines. Underwater craft
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629.128 Docks Dockyards
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629.128(433)—Federal Republic of Germany
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629.128(438)—Poland
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629.128(471.82)—Krasnodar Territory
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63L 4 (471. 323)—Kursk Province

Mineralogical composition of the highly dispersive part of Chernozem soils of the Central facies. N. P. Chizhikova. *Nauch. dokl. vys. shkoly; biol. nauk* II no. 6:115-119 '68.

63L 4 (477)—Ukrainian S. S. R.

Distribution of Azotobacter in soils of the southern Ukrainian S. S. R. Kh. H. Zinov'eva, O. S. Rusakova. *Mikrobiol. zhur.* 30 no. 3:195-200 My-Je '68.

63L 4 (470)—Caucasus and Transcaucasia

Composition of organic and organomineral compounds in Brown forest soils. B. I. Gasanov, Ch. M. Dzhalalova. *Izv. AN Azerb. SSR. Ser. biol. nauk* no. 1:102-107 '68.

63L 4 (479. 23)—Georgian S. S. R.

Soil mycoflora in humid subtropical regions of the Black Sea coast of western Georgia. E. S. Lashina-Kulik. *Vest. Mosk. un. Ser. 6: Biol. pochv.* 23 no. 3:95-101 My-Je '68.

63L 4 (479. 233)—Adzharia S. S. R.

Effect of herbicides in Red soil of the humid subtropics of Adzharia. (U. A. Spiridonov, A. I. Likhov, V. Sh. Skhidzko. *Subtrop. kul't.* no. 4:141-146 '68).

63L 4 (479. 24)—Azerbaijan S. S. R.

Field tests on electric improvement of saline (soda-sulfate) Solonchaks soils of the Karabakh Plain of the Azerbaijan S. S. R. P. N. Boevzin. *Nauch. dokl. vys. shkoly; biol. nauk* II no. 10:100-105 '68.

Soils of the Azerbaijan State Grapo Farm. T. F. Sharifov, Kh. N. Gasanov, I. I. Mokhatiev. *Izv. AN Azerb. SSR. Ser. biol. nauk* no. 1:94-101 '68.

Some data on desalinization of soils of the Jilvali form of salinity by monolith leaching method. Sh. G. Talayov. *Izv. AN Azerb. SSR. Ser. biol. nauk* no. 1:64-63 '68.

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63L 4 (560. 1)—Syria

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63L 4 (571. 51)—Krasnoyarsk Territory

Effective use of humus on sandy loam soils of Northern Khakassia. V. K. Savost'yanov, Z. A. Savost'yanova. *Agrokhimia* no. 8:124-130 Ar '68.

63L 4 (574)—Kazakh S. S. R.

Change in the water-salt content in steppe Solonchaks soils of Aktubinsk Province as a result of meliorative reclamation. K. A. Mukanov, A. Mukanov. *Vest. sel'khoz. nauk. (Kazakh.)* II no. 9:14-23 Ji '68.

Results and problems of soil erosion studies in Kazakhstan. R. Dzhanpeisov. *Vest. AN Kazakh. SSR.* 21 no. 9:13-19 S '68.

Soil complexity types in steppe regions of Northern Kazakhstan. S. A. Nikolaeva. *Nauch. dokl. vys. shkoly; biol. nauk* II no. 6:120-127 '68.

63L 5 Operations. Growing. Cultivation methods

Conditions and procedures of setting accounts and distributing grains of hard, strong, and most valuable wheat varieties, brewery barley, and other grain varieties depending on their quality. Muk. elev. prom. 34 no. 7:26-29 Ji '68.

Dynamics of the growth of apple tree roots and the soil tilling time in orchards. V. F. Sivov. *Uch. zap. Mold. gos. un.* no. 63:238-243 '68.

Experience in grain harvesting on irrigated lands. M. Golotin, (U. Dikarov. *Tekhn. v sel'khoz.* 28 no. 6:51-56 '68.

How to improve the operational performance of the T-4 tractor. N. Dronova, I. Kamulov. *Tekhn. v sel'khoz.* 28 no. 6:61-63 '68.

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MTZ-52 tractor in slope ploughing. P. Paschenenko. *Tekhn. v sel'khoz.* 28 no. 8:65-66 '68.

Machinery adjustments and work quality. I. Bukhtolov. *Tekhn. v sel'khoz.* 28 no. 8:59-61 '68.

Manifestation of heterosis in hybrids of spring barley depending on growing conditions. P. F. Garkaviy, V. B. Tasholhanova. *Dokl. Akad. sel'khoz. nauk.* no. 5:2-4 My '67.

New standard for determining wheat gluten and modifications in grain standards for durum and strong varieties of wheat and baile. Muk - elev prom 34 no 6 29-30 Je '68

Role of leveling in tilling of irrigated soils. R. M. Proslin, M. A. Akhmedzhanov. Gidr. i mel. 20 no 8 47-50 Ag '68

Sowing methods, seeding norms and forage bean crops. N. K. Korobitskii, A. F. Panova. Uch. zap. Mord. gos. un. no 63 203-205 '68

Statistical characteristics of existing methods of determining the quality of rice grains. G. Nalivko, L. Semenov. Muk - elev prom 34 no 9 12-14 S '68

To those who will be the harvesting. Tekh. v sel'khoz. 28 no 8 67-68 '68

631.5(41)—United Kingdom and Northern Ireland

Corn and flour quality evaluation in England. L. Trisvatski, E. Efimov. Muk - elev prom. 34 no 6 19-22 Je '68

631.5(471.31)—Moscow Province

Storage regime and optimal dates for storing up cabbage. S. Bruev, A. Aredov. Sov. torg. 41 no 9 38-41 S '68

631.5(471.328)—Mordvin A. S. S. R.

Dependence of corn growth, development and yield on the planting density. G. P. Artamonova. Uch. zap. Mord. gos. un. no 63 216-218 '68

631.5(479.24)—Azerbaijan S. S. R.

Carotene content in tissues of various plants under different conditions of cultivation. D. I. Muganinskaya. Dokl. AN Azerb. SSR 24 no 6 52-56 '68

631.5(574)—Kazakh S. S. R.

Change in some physiological indices of cucumbers under the effect of pesticides. M. G. Baibaeva. Vest. sel'khoz. nauki [Kazakh]. 11 no 7 104 J1 '68

Effectiveness of various methods for summer management of clean fallow in the dry-farming zone. V. I. Kovalenko, M. F. Mityashenko. Vest. sel'khoz. nauki [Kazakh]. 11 no 7 23-26 J1 '68

631.52 Selection. Breeding. Acclimatization

Culture of isolated embryos as a method of overcoming the sterility of remote hybrids of fruit plants. P. V. Kravitsov, V. G. Kas'ianova. Fiz. rast 15 no 5 931-933 S-O '68

Development of early-ripening No. 3 tetraploid corn. A. F. Shulyandin, L. I. Surkova. Dokl. Akad. sel'khoz. nauk no 5 11-14 My '67

631.52(477)—Ukrainian S. S. R.

Some results of the introduction and acclimatization of the almond in the north of the Ukraine. E. A. Bryzgalov. Subtrop. kul't. no 4 83-89 '68

631.52(479.22)—Georgian S. S. R.

Results of study of the progeny obtained from the seeds of hybrids (F₁) of the orange and trifoliate orange. B. D. Tuberidze. Subtrop. kul't. no 4 53-57 '68

Some results of testing hazelnut species in the Georgian S. S. R. V. V. Gotsiridze. Subtrop. kul't. no 4 70-74 '68

Trailing type lemon cultures in the Vani State Crop Testing Station for fruit and subtropical cultures. V. Dzhanelidze, E. Ramadze. Subtrop. kul't. no 4 50-52 '68

631.6 Rural engineering

At the Exhibition of Achievements of the National Economy of the U. S. S. R. G. Danilova, M. Sadykova. Ekon. sel'khoz. 44 no 9 70-73 '68

Developing land improvement in the U. S. S. R. E. Alekseevskii. Ekon. sel'khoz. 44 no 9 1-10 '68

Dike grady. P. Bobukh. Tekh. v sel'khoz. 28 no 8 39-41 '68

Effect of direct current on the effectiveness of leaching of Solonchak alkali soils. A. F. Vadiunina, P. N. Berezin. Vest. Mosk. un. Ser. 6' Biol. pochv. 23 no 4 92-98 J1-Ag '68

Forecast of the surfaces of ground water exudation. I. U. Ischenko. Dokl. Akad. sel'khoz. nauk no 8 42-43 My '67

Method of determining the economic efficiency of land improvement. V. Dmitriev. Ekon. sel'khoz. 44 no 9 59-69 '68

Study of ice crystal processing during the demineralization of water. P. M. Gerasimov. Vest. sel'khoz. nauki [Kazakh]. 11 no 7 88-93 J1 '68

Use of the possibilities of irrigated lands more fully. Ekon. sel'khoz. 44 no 9 109-115 '68

631.6(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)

Irrigation and drainage of land in the Russian Federation. K. Kornev. Ekon. sel'khoz. 44 no 9 11-17 '68

631.6(471.232)—Leningrad City

Improving the fertility of land in Leningrad Province. V. Pestrikov. Ekon. sel'khoz. 44 no 9 54-58 '68

Potentialities of reducing costs in closed drainage. L. Andreeva. Ekon. sel'khoz. 44 no 9 92-98 '68

631.6(471.332)—Smolensk Province

Melioration strengthens the farm economy. N. Shkurlov. Ekon. sel'khoz. 44 no 9 77-80 '68

631.6(471.61)—Rostov Province

Effect of local irrigation. I. Gulinov. Ekon. sel'khoz. 44 no 9 115-119 '68

631.6(474.2)—Estonian S. S. R.

Land improvement in Estonia. O. Vasing. Ekon. sel'khoz. 44 no 9 45-49 '68

631.6(474.5)—Lithuanian S. S. R.

Efficiency of closed drainage. I. Velichka. Ekon. sel'khoz. 44 no 9 33-36 '68

631.6(476)—White Russian S. S. R.

Drained lands of Polesye. A. Sloboda. Ekon. sel'khoz. 44 no 9 73-77 '68

Exploitation of the drainage systems in White Russia. A. Aleksankin. Ekon. sel'khoz. 44 no 9 24-28 '68

631.6(477)—Ukrainian S. S. R.

The Ukrainian steppes are a large irrigated area. N. Gaiusha. Ekon. sel'khoz. 44 no 9 18-23 '68

631.6(571)—Asiatic R. S. F. S. R.

Melioration of pipeline construction zones. V. M. Rozen. Stroi. truboprov. 11 no 9 5-6 S '68

631.6(571.12)—Tyumen' Province

Scientific development of the meliorated lands. V. S. Bel'ma. Ekon. sel'khoz. 44 no 9 50-53 '68

631.6(574)—Kazakh S. S. R.

Basin snow-water irrigation in Kazakhstan. M. Sabirov. Ekon. sel'khoz. 44 no 9 86-91 '68

Internal business accounting in construction. V. Kocher-gin. Buhg. uch. 27 no 8 58-59 J1 '68

Irrigation of pastures is an important means for strengthening the food supply. D. S. Yul'kov. Ekon. sel'khoz. 44 no 9 104-108 '68

631.6(575.1)—Uzbek S. S. R.

The organizational and managerial plan of the "Pakhtanal" State Farm-Technicum. Dzh. Khanazarov. Ekon. sel'khoz. 44 no 9 81-85 '68

631.6(575.4)—Turkmen S. S. R.

Developing agriculture in the region of the Kara Kum Canal. B. Ovezov. Ekon. sel'khoz. 44 no 9 37-44 '68

631.6(64)—Australia (Commonwealth)

Irrigation of land in Australia. N. Dukmasov. Ekon. sel'khoz. 44 no 9 120-122 '68

631.8 Fertilizers. Manuring

Accumulation of organic substances on the bottom of new fattening ponds. A. V. Alekandrinskaya. Trudy VNIIPKKh 15 240-244 '67

Application of radioactive Rb⁸⁶ isotopes for the labelling of available potassium in soil and fertilizers. K. F. Gladkova, L. E. Fokina. Agrokhitmilia no 8 165-174 Ag '68

Availability and effectiveness of orthophosphate triamide and phosphonitric amide. T. D. Koritskaya. Agrokhitmilia no 8 5-12 Ag '68

Change in the nutritional value of green peas caused by application of fertilizers. Z. A. Lapshina. Uch. zap. Mord. gos. un. no 63 221-222 '68

Diagnosis of the phosphorus nutrition of the tea plant. S. T. Burchuladze. Subtrop. kul't. no 4 39-40 '68

Effect of different forms of phosphorus fertilizers on the activity of some glycolysis enzymes. P. A. Blasiuk, P. P. Mel'nichuk, L. A. Levechenko. Dokl. Akad. sel'khoz. nauk no 5 8-11 My '67

Effect of different types of phosphorus fertilizers as determined by a long-lasting practice. I. U. M. Bezuglaja. Agrokhitmilia no 8 50-58 Ag '68

Effect of different types of potassium fertilizers on agrochemical properties of silty-loam turf-Podzolic soils. K. E. Tanin, A. D. Khlystovskii. Agrokhitmilia no 8 88-94 Ag '68

Effect of fertilizers on changes in the quality of some vegetables during winter storage. R. A. Strobnikova. Vest. Mosk. un. Ser. 6' Biol. pochv. 23 no 4 86-91 J1-Ag '68

Effect of fertilizers on the chemical composition of the green bulk of corn. Z. A. Lapshina. Uch. zap. Mord. gos. un. no 63 219-220 '68

Effect of lime and systematic use of organic and mineral fertilizers on the biological activity of turf-Podzolic soils. A. K. Minonko. Agrokhitmilia no 8 118-123 Ag '68

Effect of molybdenum of phosphorus metabolism of cauliflower. V. V. Iakovleva, L. N. Sobachkina. Agrokhitmilia no 8 134-139 Ag '68

Effect of organomineral fertilizers on tea seed germination and growth of seedlings. S. M. Arobelidze. Subtrop. kul't. no 4 30-35 '68

Effect of phosphorus fertilizers on the harvest of sugar beets and wheat in crop rotation on light-colored chestnut soil. K. I. Imangaziev, D. S. Basibekov. Agrokhitmilia no 8 68-77 Ag '68

Effect of stable strontium on the growth of plants. R. A. Shirshova. Agrokhitmilia no 8 111-117 Ag '68

Effectiveness of nitrogen of ammonium phosphates in spot placements. L. V. Sidorina. Agrokhitmilia no 8 13-18 Ag '68

Effectiveness of phosphates with varied supply of mobile phosphorus in soils. I. Gyrbuev, E. Neikova-Bocheva, L. Raikov. Agrokhitmilia no 8 44-49 Ag '68

Effectiveness of potassium fertilizers under different soil and climatic conditions. L. M. Zhukova. Agrokhitmilia no 8 175-185 Ag '68

Evaluation of the physiological state of young-of-the-year carp in ponds intensively fertilized with mineral nitrogen and phosphorus and organic fertilizers. B. I. Mukhina, V. I. Ustanova. Trudy VNIIPKKh 15 54-60 '67

Hydrochemical water balance in ponds in peat bogs affected by different fertilization methods. A. G. Mikhlin, E. N. Khatulin. Trudy VNIIPKKh 15 248-256 '67

Method for extracting sulfate sulfur from plants by means of electrolysis and its determination in a solution. R. Kh. Aidinlan, M. S. Ivanova, T. G. Solov'ova. Agrokhitmilia no 8 189-194 Ag '68

Migration of phosphorus along the soil profile during prolonged use of fertilizers. E. N. Alekseeva. Agrokhitmilia no 8 79-82 Ag '68

Minimum velocities of the internal fluid bed process in a combined preparation of granular fertilizers. M. Z. Tsik and others. Urb. khim. zhur. 19 no 6 1-6 '66

Nitrogen nutrition and chemical composition of the organoids of corn leaves. E. S. Chernova. Tr. Inst. 15 no 5 103-108 S-O '68

Pre-sowing treatment of soil and fertilization for corn. U. Sh. Sadyev. Uch. zap. NGU(Ufa) no 10 129-141 '68

Role of gas exchange with the atmosphere in a nitrogen balance of fishponds. I. U. M. Lebedev. Nauch. dokl. vyssh. shkoly, Biol. nauk 11 no 10 7-13 '68

Schematic maps of bulk amount of vanadium, chromium and nickel in soils of the non-Chernozem center of the European part of the U. S. S. R. V. D. Vasil'yevskaya. Vest. Mosk. un. Ser. 6' Biol. pochv. 23 no 4 72-77 J1-Ag '68

Uptake of nutrient substances by plants of winter wheat and their yield depending on the nutrition level. B. M. Gurevich, I. I. Doronina. Agrokhitmilia no 8 40-43 Ag '68

Use of K⁴² for the study of potassium potential. O. P. Medvedeva. Agrokhitmilia no 8 83-87 Ag '68

Viscosity of urea-ammoniate-carbonate solutions. B. I. Gany, R. I. Binghamkina, S. N. Merzhanova. Trudy ucheb. zav. khim. i khim. tekhn. 11 no 3 367-369 '68

631.8(471.31)—Moscow Province

Sulfur in vegetables of Moscow Province. V. I. Kuznetsov, N. N. Basargin, L. G. Miasishcheva. Agrokhitmilia no 8 95-100 Ag '68

631.8(471.328)—Mordvin A. S. S. R.

Doses of mineral fertilizers applied to potato crops on leached Chernozems of the Mordvin A. S. S. R. V. A. Emel'ianova. Uch. zap. Mord. gos. un. no 63 201-202 '68

Effect of fertilizers on crops of green fallow cultures and of winter rye on leached Chernozems of the Mordvin A. S. S. R. Z. A. Lapshina. Uch. zap. Mord. gos. un. no 63 197-200 '68

Effect of the local method of applying mineral fertilizers on potato crops. N. A. Bashimov. Uch. zap. Mord. gos. un. no 63 200-211 '68

Effect of the wastes of a drug plant on cabbage crops. N. S. Daskina. Uch. zap. Mord. gos. un. no 63 227-229 '68

Fertilization of green fallow (potato) crops and of winter rye. O. P. Kuvshinova. Uch. zap. Mord. gos. un. no 63 194-199 '68

Fertilization of monoculture hemp river floodlands. V. I. Lipatov. Uch. zap. Mord. gos. un. no 63 223-224 '68

Increased productivity of meadows in the Mordvin A. S. S. R. V. I. Lipatov, M. N. Kuzin. Uch. zap. Mord. gos. un. no 63 230-233 '68

Microfertilizers and crops of forage beans. N. K. Korobitskii, K. A. Kharitonov. Uch. zap. Mord. gos. un. no 63 207-208 '68

Treatment of seeds with trace elements before sowing and the yield of corn. G. P. Artamonova. Uch. zap. Mord. gos. un. no 63 212-215 '68

631.8(476)—White Russian S. S. R.

Interrelationship between nitrogen, phosphorus and potassium in crops of winter rye on turf-medium-Podzolic sandy-loam soils of Central White Russia. A. A. Proshakov, A. M. Zharikova. Agrokhitmilia no 8 10-24 Ag '68

631.8(477)—Ukrainian S. S. R.

Outflow of nitrogen, phosphorus and potassium with crops in grain-potato-flax rotation in the Southern Polissya of Ukraine. G. S. Pirozhenko, V. F. Buchnava. Agrokhitmilia no 8 25-30 Ag '68

631.8(479.22)—Georgian S. S. R.

Demands by the subtropical agriculture of the Georgian S. S. R. for organic fertilizers and ways of their satisfaction. T. A. Turkina. Subtrop. kul't. no 4 147-150 '68

631.8(571.51)—Krasnoyarsk Territory

Effective use of humus on sandy loam soils of Northern Khakassia. V. K. Savost'yanov, Z. A. Savost'yanova. Agrokhitmilia no 8 124-133 Ag '68

631.8(574)—Kazakh S. S. R.

Improve material incentives. T. Sadyev. Nar. khoz. Kazakh. no 6 26-27 Ag '68

631.8(575.1)—Uzbek S. S. R.

Study of the filtration process of nitric acid solution of Karatau phosphorites on the cartridge-type filter. V. V. Beglov, M. N. Nabitov, M. I. Sanzharov. Uzb. khim. zhur. 10 no 6 55-62 '66

Some characteristics of the connection of vegetation with the salinization of soil-forming rocks in Ustyurt. L. D. Polkaiyeva. Uch. zap. MGPI no. 257:213-228 '67.

632 Crop damage and protection

Characteristics of metabolism of soluble carbohydrates and free amino acids in winter wheat as affected by subfreezing temperatures. V. I. Babenko. Fiz. rast. 15 no. 5:841-851 S-O '68.

Characteristics of the complex of fruit flies (Diptera, Chloropidae) injurious to agriculture. E. P. Narechuk. Zool. zhur. 47 no. 9:1343-1353 S '68.

Comparative histochemical study of corn tissues infected by Ustilago maidis. E. V. Arslanovskaya, O. B. Mikhailovskaya. Dokl. Akad. sol'khoz. nauk no. 5:17-18 My '67.

Effect of climatic factors on the development of potato virus diseases. S. M. Moskovets, O. P. Kiyvlovskaya, M. I. Mendzhul. Mikrobiol. zhur. 30 no. 3:249-254 My-Je '68.

Effect of different stable strontium compound forms on the uptake of strontium-90 in plant in relation to phosphorus and calcium nutrition conditions. N. M. Skadchenko. Vest. Mosk. un. Ser. 6: Biol. pochv. 23 no. 4:109-109 JI-Ag '68.

Effect of indoleacetic acid on the frost resistance of winter grain crops. T. I. Trunova. Fiz. rast. 15 no. 5:773-777 S-O '68.

Effect of Plasmodiophora brassicae Wor. infection on the content and nature of indole derivatives in cabbage roots. L. V. Tunkova, V. V. Mazin. Fiz. rast. 15 no. 5:778-784 S-O '68.

Method for chemical protection of plants. V. Petrov. Tekh. v sol'khoz. 28 no. 8:49-51 '68.

Phytophagous and cotton wilt caused by Verticillium dahliae. I. M. Sudakova, R. V. Mikulina. Zool. zhur. 47 no. 9:1310-1313 S '68.

Seab infection of apple varieties. Z. K. Kluchareva. Nauch. dokl. vys. shkoly; biol. nauki 11 no. 8:112-114 '68.

Study of age-related composition of some root sucker weed populations. R. G. Minilayev. Uch. zap. BGU(Ufa). no. 19:70-84 '64.

Utilization of isolated tissue technique in studying hardening processes in plant cells. I. I. Tumanov, R. G. Turenko, I. V. Ogolevets. Fiz. rast. 15 no. 5:749-756 S-O '68.

Virus disease of Hydrangea macrophylla (Thunb.) D. C. V. G. Goegeva. Nauch. dokl. vys. shkoly; biol. nauki 11 no. 10:92-95 '68.

632.9 Crop protection. Pest control

Disinfestation of grain by ion radiation. G. Zakladnoi. Muk. elev. prom. 31 no. 9:24-25 S '68.

Herbicidal activity and selectivity of optam and tillam in sugar beet crops. L. I. Korolev, A. M. Guldov. Agrokhimia no. 8:140-147 Ag '68.

Preparation of a new heximide fungicide. S. D. Volodkovich, N. N. Melnikov, T. K. Iudovskaya. Zhur. prikl. khim. 41 no. 8:1387-1388 Je '68.

Progressive methods of protecting stored grain should be widely adopted. Muk. elev. prom. 31 no. 9:23-24 S '68.

Wet disinfestation of warehouses with lower-concentration pesticide solutions. IU. Vikhanekil, I. Kurepko, L. Sturma. Muk. elev. prom. 31 no. 8:24-25 Je '68.

632.9(471.328)—Mordvin A. S. S. R.

Effectiveness of herbicides on millet sowings. G. A. Solov'ev. Uch. zap. Mord. gos. un. no. 63:225-226 '68.

632.9(479.22)—Georgian S. S. R.

Study of citrus whitefly biology in Georgia. N. Sh. Avtadze. Subtrop. kul't. no. 4:41-49 '68.

632.9(674)—Kazakh S. S. R.

Onion stem nematode Ditylenchus allii (Bollerneck, 1883), as a garlic pest in southeast Kazakhstan. N. S. Isakov, K. Nagmanova. Vest. sol'khoz. nauki [Kazakh.] 11 no. 7:101-103 JI '68.

Proactive herbicides in soybean plantings in irrigated soils in southeast Kazakhstan. A. I. Shkola. Vest. sol'khoz. nauki [Kazakh.] 11 no. 7:105-107 JI '68.

632.95 Pesticides and control chemicals

Change in some physiological indices of cucumbers under the effect of pesticides. M. G. Boliyaeva. Vest. sol'khoz. nauki [Kazakh.] 11 no. 7:104 JI '68.

Determination of residual quantities of phosphamide in milk. L. G. Saikina, A. I. Solov'eva. Lab. delo no. 10:826-827 '68.

Insecticidal properties of batrin and dimethrin. V. I. Vashkov and others. Zhur. mikrobiol. epid. i immun. 45 no. 9:9-13 S '68.

Synthesis and herbicide activity of some amides of O-arylmethyl-, dichloromethyl- and trichloromethyl-phosphonic acids. A. P. Grapov, N. V. Lebedeva, N. N. Melnikov. Zhur. ob. khim. 38 no. 8:1751-1764 Ag '68.

Use of a ratidant paste in control of rodents on the property of the Southern Railway. O. S. Morozova, A. A. Savina. Zhur. mikrobiol. epid. i immun. 45 no. 9:140-147 S '68.

632.95(479.22)—Georgian S. S. R.

Results of the use of herbicides in the Kolkhida Lowland. A. S. Trepalova, M. L. Tabagava. Subtrop. kul't. no. 4:151-156 '68.

Effect of herbicides in Red soil of the humid subtropics of Adzharia. IU. IA. Spiridonov, A. I. Iakovlev, V. Sh. Skhladze. Subtrop. kul't. no. 4:141-146 '68.

633 Field crops. Industrial crops

Adoption of the reflectometric method for the determination of oil percentage in corn oil cakes. T. I. Bagali, I. C. Vlasenko, L. S. Bondarenko. Sakh. prom. 42 no. 10:66-68 O '68.

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Buckwheat is a high-yield crop. I. Elagin. Inform. biol. VDNKH no. 9:22-24 S '68.

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633(471.341)—Gorkiy Province

The experience of Gorkiy potato farmers should be extended to all. G. Chernov. Inform. biol. VDNKH no. 8:30-31 Ag '68.

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For a high yield of grain crops. I. Khidirov. Part. zhizn' [Uzb.] 11 no. 8:19-22 Ag '68.

Urgent tasks of the cotton growers. Part. zhizn' [Uzb.] 11 no. 8:15-17 Ag '68.

633.1 Cereals. Corn. Grain crops

Changes in amino acid composition of winter wheat "Ukrainka" leaves in relation to vernalization and photoperiodism. I. A. Gevorkian. Uch. zap. Erav. un. 97:83-87 '65.

Effect of fertilizers on the chemical composition of the green bulk of corn. Z. A. Lapshina. Uch. zap. Mord. gos. un. no. 63:219-220 '68.

Production of high-quality potasse hydrolyzates from rice husks. R. A. Glazman and others. Gidroliz. i lesokhim. prom. 21 no. 6:11-13 '68.

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Effect of fertilizers on crops of green fallow cultures and of winter rye on leached Chernozems of the Mordvin A. S. S. R. Z. A. Lapshina. Uch. zap. Mord. gos. un. no. 63:197-200 '68.

Effectiveness of herbicides on millet sowings. G. A. Solov'ev. Uch. zap. Mord. gos. un. no. 63:225-226 '68.

Fertilization of green fallow (potato) crops and of winter rye. O. P. Kuvaldinova. Uch. zap. Mord. gos. un. no. 63:104-106 '68.

Treatment of seeds with trace elements before sowing and the yield of corn. G. P. Artyamonova. Uch. zap. Mord. gos. un. no. 63:212-216 '68.

633.2 Forage grasses and grassland

Concentrated forage for the cattle. V. Barbashin. Inform. biol. VDNKH no. 8:32-33 Ag '68.

Effect of light intensity on total yield of green fodder. M. A. Babukhanian. Uch. zap. Erav. un. 97:97-100 '65.

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Some root forms in herbaceous plants. I. S. Mikhailovskaya. Nauch. dokl. vys. shkoly; biol. nauki 11 no. 7:72-78 '68.

Statistical processing methods used in determining the productivity of the aerial part of a grass stand. N. P. Druzhinina. Bot. zhur. 53 no. 8:1138-1144 Ag '68.

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Use of snow gauge YG-43 for rapid measuring of the weight of harvested hay. V. D. Ukhlin. Bot. zhur. 53 no. 8:1145-1146 Ag '68.

Use of wild perennial alfalfa species. P. A. Lubanets. Dokl. Akad. sol'khoz. nauk no. 5:19-22 My '67.

We urge the personnel of farms and stock fattening yards to get ready for the wintering of cattle. V. Onisovets. Agitator no. 18:48-50 S '68.

Increased productivity of meadows in the Mordvin A. S. S. R. V. I. Lipatov, M. N. Kuzin. Uch. zap. Mord. gos. un. no. 63:230-233 '68.

633.2(471.52)—Bashkir A. S. S. R.
Biogeocentological characteristics of meadows and pastures
in the flood plain of the Belaya River. B. M. Mirkin
Uch. zap. BGU(Ufa) no. 19-17-42 '64

633.2(479)—Caucasus and Transcaucasia
Life cycle of *Trifolium ambiguum* M. B. in the high
mountains of the Caucasus. A. A. Donskova. Biol.
MOP. Old Biol. 71 no. 4-7-62. U-Ag '68

633.2(479.24)—Azerbaijan S. S. R.
Dynamics of the chemical composition of *Trifolium*
fragiferum, *T. bonnani* and *T. resupinatum* and
two *Pennisetum villosum* and *P. orientale* species on
the Apsheron Peninsula. B. A. Mekhtieva. Izv. AN
Az. Ser. Biol. nauk. no. 1-31-36 '68

633.2(574)—Kazakh S. S. R.
Economic evaluation of different methods for pasture
watering in Kazakhstan. L. G. Orlova. Vest. sel'khoz.
nauki [Kazakh.] II no. 7-9-91 '68.

633.3 Leguminous and other green fodders
Forage beans. N. K. Korabitskii. Uch. zap. Mord. gos.
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633.3(471.328)—Mordvin A. S. S. R.
Effect of nitrogen on the development and yield of beans
and peas. N. K. Korabitskii, I. A. Tsarikovskaya, R. V.
Kachaev. Uch. zap. Mord. gos. un. no. 63-190-193 '68.
Microfertilizers and crops of forage beans. N. K.
Korabitskii, K. A. Kharitonova. Uch. zap. Mord. gos.
un. no. 63-207-208 '68.
Sowing methods, seedling norms and forage bean crops.
N. K. Korabitskii, A. F. Panova. Uch. zap. Mord. gos. un.
no. 63-203-206 '68.

633.4 Roots and tubers as field crops
Effect of different preplanting treatment of the anatomical
structure of shoots and buds of new potato crop. N. M.
Melikian, Zh. V. Tsovan. Uch. zap. Erev. un. 97-75-
82 '65.

633.4(471.328)—Mordvin A. S. S. R.
Doses of mineral fertilizers applied to potato crops on
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Emel'yanova. Uch. zap. Mord. gos. un. no. 63-201-
202 '68.

Effect of fertilizers on crops of green fallow cultures
and of winter rye on leached Chernozems of the Mordvin
A. S. S. R. Z. A. Lapshina. Uch. zap. Mord. gos. un.
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Effect of the local method of applying mineral fertilizers
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Fertilization of green fallow (potato) crops and of winter
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no. 63-194-198 '68.

633.5 Fiber plants and crops
Losses of cotton crops caused by the unevenness of the
soil relief. G. A. Danov, V. K. Tsoi. Gidr. i mel. 20
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633.71 Tobacco plants and crops
Cytoembryological study of fertilization process in tobacco.
A. Kh. Daniellian. Uch. zap. Erev. un. 97-25-30 '65.

633.5(471.328)—Mordvin A. S. S. R.
Fertilization of monoculture hemp river floodlands.
V. I. Ligatov. Uch. zap. Mord. gos. un. no. 63-223-224 '68.

633.5(479.25)—Armenian S. S. R.
Some embryological data on cotton fertilization process
under conditions of the Ararat Plain of the Armenian
S. S. R. T. A. Saakian. Uch. zap. Erev. un. 97-21-
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633.6 Sugar and starch yielding crops

633.6(477)—Ukrainian S. S. R.
Practice in solving a stochastic model of optimal
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633.71 Tobacco plants and crops

633.71(479.25)—Armenian S. S. R.
Composition of amino acids and sugars in some
commercial tobacco varieties. E. S. Acundzhian, G. A.
Aleksanian. Dokl. AN Arm. SSR 46 no. 1-26-29 '68

634.0 Forestry

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N. Budin. Bukh. uch. 27 no. 7-29-31 II '68.
Brief news. Gidroliz. i lesokhim. prom. 21 no. 6-
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wood chemistry. Gidroliz. i lesokhim. prom. 21
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process of mechanical-chemical destruction of poly-
saccharides. N. V. Chalov, L. V. Shastilitsaeva, A. S.
Shabalina. Gidroliz. i lesokhim. prom. 21 no. 6-5-7 '68

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during acid hydrolysis. M. N. Raskin, V. I. Mal'nev,
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Shan spruce sprouting and seedling wilt. E. T. Nikitina,
R. S. Kashkarova. Vest. sel'khoz. nauki [Kazakh.] II
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Morphological evolution from trees to grasses in a
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53 no. 8-1029-1032 Ag '68.

Shift of phenologic phases of *Pinus sibirica* (Rupr.)
May: in the surface relief, altitude belts, and forest
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II no. 7-77-82-81 '68.

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G. G. Romanovskii, A. V. Nefedov. Gidroliz. i lesokhim.
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economic incentive conditions. M. V. Svesnikov.
Gidroliz. i lesokhim. prom. 21 no. 6-3-4 '68.

Woodpulp pyrolysis with burning of dewatered steam-
gas. L. V. Fedorov, A. N. Kisil'syn, L. A. Kudjakova.
Gidroliz. i lesokhim. prom. 21 no. 6-9-11 '68.

634.0(471.311)—Moscow Province
Western range of the geobotanical region of broad-leaved
forests in Moscow Province. V. V. Petrov, I. A.
Kuzenkova. Vest. Mosk. un. Ser. 6: Biol. pochv. 23
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634.0(471.5)—Ural regions
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in the southern Urals. E. V. Kucherov, B. I. Fedorako.
Uch. zap. BGU(Ufa) no. 19-43-56 '64

634.0(471.52)—Bashkir A. S. S. R.
Broad-leaved forests of the cis-Ural plain of Bashkiria.
Z. M. Nazirova. Uch. zap. BGU(Ufa) no. 10-57-73 '64.

634.0(479.22)—Georgian S. S. R.
Eucalyptus types. S. V. Mgaloblishvili. Subtrop. kul't.
no. 4-75-77 '68.

634.0(574)—Kazakh S. S. R.
Gall-forming jumping plant louse (Homoptera, Psyllinea)
causing damage to Turanga in Kazakhstan. Kh. A.
Albasov. Trudy Inst. zool. AN Kazakh. SSR 30-198-
204 '68.

634.08 Forest products and their utilization

634.08(477)—Ukrainian S. S. R.
Use forest resources more fully. IV. Pozhyvlov. Ekon.
Rad. Ukr. 10 no. 7-93-95 II '68.

634.1 Fruit and fruit growing
Characteristics of infructescence in the pineapple guava.
G. B. Gvasalia. Subtrop. kul't. no. 4-78-82 '68.
Culture of isolated embryos as a method of overcoming
the sterility of remote hybrids of fruit plants. P. V.
Krasov, V. G. Kas'ianova. Fiz. rast. 15 no. 5-931-
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Double flowers on fruit trees. P. D. Trebushenko. Bot.
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winter-hardened and soft almond varieties. E. A.
Iablonskii. Fiz. rast. 15 no. 6-764-772 S-O '68.
Scab infection of apple varieties. Z. K. Kluchareva,
Nauch. dokl. vyzh. shkoly; biol. nauki II no. 8-112-114 '68.
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Borkh. A. I. Radionenko. Bot. zhur. 53 no. 8-1101-
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Trailer-platform for harvesting orchard crops.
N. Spiridonov, N. Mel'nik. Tekh. v sel'khoz. 26 no. 0-
14-15 '68.

634.1(471.328)—Mordvin A. S. S. R.
Dynamics of the growth of apple tree roots and the soil
filling time in orchards. V. F. Sivov. Uch. zap. Mord.
gos. un. no. 63-238-243 '68.
Growth of the apple tree root system depending on the
soil content in orchards under conditions of the Mordvin
A. S. S. R. V. F. Sivov. Uch. zap. Mord. gos. un. no. 63-
234-237 '68.

634.1(477)—Ukrainian S. S. R.
Organize labor better. A. Labiak. Ekon. Rad. Ukr. 10
no. 7-70-71 II '68.
Potentialities of increasing the productivity of gardens.
V. Il'chysyn. Ekon. Rad. Ukr. 10 no. 7-68-69 II '68.
Some results of the introduction and acclimatization of
the almond in the north of the Ukraine. E. A. Bryzgalov.
Subtrop. kul't. no. 4-83-89 '68.

634.1(470.22)—Georgian S. S. R.

Pecan culture in Kolikhida. P. G. Badachkoria. Subtrop.
kul't. no. 4-90-93 '68.

Prospects for the further widening of the area of citrus
fruit cultivation in the subtropics of Western Georgia.
I. I. Chikhaide. Subtrop. kul't. no. 4-58-65 '68.

Results of study of the progeny obtained from the seeds
of hybrids (F₂) of the orange and Trifoliate orange.
B. D. Tuberdze. Subtrop. kul't. no. 4-53-57 '68.
Some results of testing hazelnut species in the Georgian
S. S. R. V. V. Gotsiridze. Subtrop. kul't. no. 4-70-
74 '68.
Study of citrus whitefly biology in Georgia. N. Sh.
Avidzba. Subtrop. kul't. no. 4-41-49 '68.
Trailing type lemon cultures in the Vant State Crop
Testing Station for fruit and subtropical cultures.
V. Dzhanalidze, E. Ramadze. Subtrop. kul't. no. 4-
50-52 '68.

634.1(479.24)—Azerbaijan S. S. R.
Effect of the degree of apple fruit ripeness on respiration
process in storage. T. D. Mokhteva, D. Kh. Matifov,
Dokl. AN Azerb. SSR 24 no. 5-59-62 '68.
Some engineering-management features of commercial
grape varieties in foothill and mountain areas of Azerbaijan.
I. Kh. Dzhanfurov. Za tekhn. prog. 0 no. 8-11-11
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634.1(470.25)—Armenian S. S. R.
State of deep and forced dormancy in apricot of Armenia.
G. V. Sakellian. Uch. zap. Erev. un. 97-155-158 '65.
Study of the anlage of reproductive organs of pomegranate
in the Ararat Plain of the Armenian S. S. R. V. N.
Tatevosian. Uch. zap. Erev. un. 97-41-45 '65.

634.1(574)—Kazakh S. S. R.
There are possibilities, and they should be used.
K. Liubimanskii. Nauk. Kazakh. no. 8-77-79
S '68.

634.8 Grapes. Vines. Viticulture

634.8(477)—Ukrainian S. S. R.
Production costs, cropping, and profitability.
IA. Spektor. Ekon. Rad. Ukr. 10 no. 7-71-72 II '68.
Strengthen the raw material base. I. Mel'nychenko.
Ekon. Rad. Ukr. 10 no. 7-72-73 II '68.

635 Horticulture. Gardens and gardening
Effect of molybdenum of phosphorus metabolism of cauliflower.
V. V. Iakovleva, L. N. Sobolevskina. Agrokhimia
no. 8-134-139 Ag '68.
In the orchard or in the garden. A. Rossoshauskii.
Sov. shakht. 17 no. 10-20 O '68.
Planting of onion seed plants with the RPS-4 machine.
N. Lvashenko. Tekh. v sel'khoz. 28 no. 8-17-19 '68.

635(471.48)—Austrian Province
Visiting of the vegetable growers at the "Aktiv" collective
farm. T. F. Voronov. Konn. i ov. prom. 23 no. 9-27-
29 S '68.

635.1 Vegetable gardening and vegetables
Accumulation of strontium-90 and cesium-137 in vegetable
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Agrokhimia no. 8-101-110 Ag '68.
Content of molybdenum in vegetable food products of the
Tomsk Province. E. V. Osmotovskaya. Vop. pit. 29
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Vest. Mosk. un. Ser. 6: Biol. pochv. 23 no. 4-80-81 II-
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Herbicide activity and selectivity of eplam and tilam in
sugar beet crops. L. I. Korolov, A. M. Guliakina.
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Structural-mechanical properties of raw and cooked
potatoes. Z. A. Antsimova. Konn. i ov. prom. 23
no. 10-38-40 O '68.

635.1(471.311)—Moscow Province
Storage regime and optimal dates for storing up
cabbage. S. Bruev, A. Aredov. Sov. torg. 41 no. 9-
38-41 S '68.

635.1(471.328)—Mordvin A. S. S. R.
Effect of the wastes of a drug plant on cabbage crops.
N. S. Dudkina. Uch. zap. Mord. gos. un. no. 63-227-
229 '68.

635.1(477)—Ukrainian S. S. R.
Instructive practice of Polesye. E. Ashurov. Ikon. Rad.
Ukr. 10 no. 0-82-83 Je '68.
Reducing marketing costs. M. Tkachuk. Ekon. Rad. Ukr.
10 no. 8-80-81 Je '68.

635.1(477.0)—Crimea
How we have achieved the high efficiency. V. Tupikov.
Ekon. Rad. Ukr. 10 no. 0-83-84 Je '68.

635.1(479.25)—Armenian S. S. R.
Cytoembryological data on some representatives of the
gourd family in the Ararat Plain of the Armenian
S. S. R. D. P. Cholakian. Uch. zap. Erev. un. 97-3-
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635.1(574)—Kazakh S. S. R.
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- 636.2 Cattle**
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658.5(477)—Ukrainian S. S. R.

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658.5(471.63)—Perm Province

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658.5(471.54)—Sverdlovsk Province

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658.5(471.61)—Rostov Province

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658.5(471.63)—Stavropol Territory

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658.5(471.3)—Latvian S. S. R.

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658.5(476)—White Russian S. S. R.

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658.5(477)—Ukrainian S. S. R.

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658.5(480)—European communist countries as a group

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658.5(571.12)—Tyumen Province

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658.5(574)—Kazakh S. S. R.

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658.5(575.1)—Uzbek S. S. R.

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658.567 Utilization and control of waste, scrap, old material

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658.7 Buying, procuring and management of stock

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- Study of the ejector interaction of gas and liquid on a vertical perforated wall, L. G. Grigor'yan and others Zhur. prikl. khim. 41 no 6 1245-1249 '68
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- Entropy characteristics of near and distant solvation of ions in monohydric alcohols, G. A. Krestov, Izv. vys. ucheb. zav., khim. i khim. tekhn. 11 no 7:762-765 '68
- Filters with elastic walls, G. P. Lysenko, V. T. Severin, Zhur. prikl. khim. 41 no 6:1343-1344 '68

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- Comparative study of potassium and sodium aluminates. Report 1. G. V. Lashin, T. P. Veshchagin, I. B. Ivanova. Azerb. khim. zhur. no. 6: 95-99 '62
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- Determination of formation heats of potassium, rubidium, and cesium hexabromotellurates. B. D. Stephi and others. Zhur. fiz. khim. 42 no. 8: 2330-2332 '68
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- Interaction kinetics of sodium and potassium carbonates with vanadium pentoxide. A. A. Fetev, N. V. Kiseleva. Trudy Inst. khim. UFAN SSSR no. 9: 83-90 '66
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- Polymerization of the solubility of four internal addition of quaternary aqueous mutual systems from sodium bromides and iodides and potassium in organic and iodides. A. I. Dzhalarov, A. I. Agayev. Azerb. khim. zhur. no. 6: 81-86 '62
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- Some features of the kinetics of granometric composition change during crystallization in a fluidized bed. V. V. Stetsko, L. A. Ruzumovskii. Izv. vuz. ucheb. zav. i khim. i khim. tekhn. 11 no. 3 356-359 '68
- Study of the properties of solid solutions of the composition $3CaO \cdot Al_2O_3 \cdot xSiO_2 \cdot yH_2O$. N. I. Eromina and others. Zhur. prikl. khim. 41 no. 6: 1173-1178 '68
- Ways to improve the process of washing aluminum hydroxide. E. M. Broshchenko and others. Trudy GrozNI no. 23: 200-205 '67

661.9 Various industrial gases

- Composition of combustion products obtained by heating coke batteries. N. A. Grudzeva, T. K. Tolchub. Podg. i koks. ugi. no. 6: 344-349 '65
- Dependence of hydrogen expenditure on the technological system of petroleum processing. I. U. I. Chernyi, S. A. Polgin. Khim. i tekhn. topl. i masel 13 no. 9: 25-28 '68
- Determining the viscosity of ammonia-nitrogen-hydrogen mixtures. V. V. Dembovskii. Zhur. obshch. khim. 38 no. 1: 43-44 '68
- A method of directly determining oxygen in coals, and evaluation of procedures used in preparing coal samples for analysis. S. I. Panchenko, M. L. Pogrebinskaya, V. N. Leonidov. Podg. i koks. ugi. no. 6: 350-353 '65

661.9 (Continued)
Preparation method for obtaining phosgene. N. V. Khatkhat, V. A. Lopyrev, I. N. Al'voshadit, Zhur. prikl. khim. 41 no. 8:1380-1386 '68

662 Explosives Fuels
Stoichiometric coefficient, reflecting the element composition of the fuel and oxidant. N. N. Bakhtman. Fiz. gor. i vzryva 4 no. 1:16-10 Mr '68.

662.2 High explosives
Calculating the pressures for the initiation of homogeneous high explosives by a shock wave. I. M. Voskobeinikov, V. M. Bogomolov, A. A. Kpin. Fiz. gor. i vzryva 4 no. 1:45-19 Mr '68.
Compressibility of powdered urastropine. V. K. Bobotov, V. A. Burlov, A. B. Dubovik, Fiz. gor. i vzryva 4 no. 1:124-126 Mr '68.
Effect of the explosion of the sheet high explosive charge on metallic plates. A. P. Rybakov, E. V. Mentashov, V. P. Shavkov. Fiz. gor. i vzryva 4 no. 1:126-128 Mr '68.

662.3 Propellant (ballistic) powders. Gunpowders
Ignition of a ballistite powder by light radiation. V. F. Mikheev, A. A. Koval'skii, S. S. Khlevnoi. Fiz. gor. i vzryva 4 no. 1:3-9 Mr '68.
Ignition of the nitroglycerin powder by light radiation in a cold gas flow. S. S. Khlevnoi, A. P. Kalmaykova. Fiz. gor. i vzryva 4 no. 1:122-124 Mr '68.
Rate of combustion of the condensed mixtures with various degrees of component mixture. A. I. Belsaev, I. U. V. Frolov, V. F. Dubovitskii. Fiz. gor. i vzryva 4 no. 1:10-15 Mr '68.

662.6 Fuels. Combustion. Heat economy
Analyzing the efficiency of using natural gas in blast furnaces. I. G. Tovarovich. Metallurg 13 no. 10:4-7 O '68.
Corrosive properties of ramjet fuels under conditions of condensing water. N. A. Englin and others. Khim. i tekhn. topl. i masel 13 no. 10:50-52 '68.
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Electric conductivity of coke burning in an airflow. V. T. Piliyev, B. S. Palkov, I. A. I. Magun. Fiz. gor. i vzryva 4 no. 1:84-90 Mr '68.
Extraction of nitrogen bases from fuels by aromatic sulfonic acid. L. N. Tokareva and others. Khim. i tekhn. topl. i masel 13 no. 9:19-21 '68.
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A method of directly determining oxygen in coals, and evaluation of procedures used in preparing coal samples for analysis. S. I. Panchenko, M. L. Pogrebinskaya, V. N. Leonidov. Podg. i koks, ugl. no. 6:350-353 '65.

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Service properties of ramjet fuels after removal of mercaptans. I. V. Rozhkov and others. Khim. i tekhn. topl. i masel 13 no. 10:47-49 '68.

662, 6(571.61)—Krasnoyarsk Territory
Results of the study of the "Sainno-Partizanskoy" deposit. L. G. Ol'shanetskii, A. K. Vetrova, V. M. Dinel't. Podg. i koks, ugl. no. 6:43-51 '65.

662.7 Thermally or chemically produced fuels
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Change of the porous structure of peat coke during calcination. N. D. Drozhzhina, O. I. Mazina, V. E. Pakovskii. Khim. i tekhn. topl. i masel. 13 no. 10:77-82 S-O '68.
Characteristics of the process of coking coal charge mixtures with mineral additions. V. I. Sukhorukov, M. P. Latskaia, G. M. Komarovskaya. Podg. i koks, ugl. no. 6:267-284 '65.
Coking of partially briquetted and thermally prepared charges. E. P. Starke, N. A. Zhukov. Podg. i koks, ugl. no. 6:120-135 '65.
Comparing the absorptive power of lubricants with the aid of gas chromatography. V. M. Nubivach, S. S. Ashchenko, V. S. Kovalenko. Koks i khim. no. 8:35-39 '68.
Complete fuel combustion and flame simulation of combustion chambers. I. A. P. Storozhuk, V. A. Asoskov. Trudy TSKTI no. 75:110-137 '67.
Composition of combustion products obtained by heating coke batteries. N. A. Grudova, T. K. Tolkhrib. Podg. i koks, ugl. no. 6:344-349 '65.
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Controlling premature breakdowns of equipment and structures. A. I. Rabinovich. Koks i khim. no. 8:49-51 '68.
Coking of coals in microscope chambers. N. S. Griaznov and others. Khim. i tekhn. topl. i masel. 13 no. 10:73-77 S-O '68.
Deep drying of prepared coal charge mixtures, and its effect on the quality of coke. V. N. Dukhan and others. Podg. i koks, ugl. no. 6:102-112 '65.
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Determining the composition of tar vapors in circulating heat carriers of a cycle of high-speed heating of coal. B. I. Babanina and others. Podg. i koks, ugl. no. 6:285-290 '65.
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Distribution of temperatures and stresses in the brickwork of coke ovens during their firing. I. G. Tsiska. Koks i khim. no. 8:27-31 '68.
Effect of the coefficient of excess air on the uniformity of heating coke cakes. A. A. Kaufman, V. V. Mochalov. Podg. i koks, ugl. no. 6:235-240 '65.
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Influence of the coal preparation method on the quality of coke and the rate of blast furnace processes. A. P. Bronshteyn. Koks i khim. no. 8:20-23 '68.
Influence of the drying and heating of charges before coking on the quality of coke of different gas coal content in charge mixtures. I. P. Starke, N. A. Zhukov. Podg. i koks, ugl. no. 6:124-128 '65.
Influence of the temperature conditions of coking on the quality of coke. P. I. Kuperman and others. Podg. i koks, ugl. no. 6:241-255 '65.
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Introducing the smokeless charging of coke ovens. T. P. Varshavskii and others. Podg. i koks, ugl. no. 6:225-234 '65.
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A method of obtaining roentgenograms of coking, and its possibilities. P. I. Tuchenko, M. L. Medvedeva. Podg. i koks, ugl. no. 6:164-187 '65.
Microscopic studies of coke lumps from the hearth of blast furnaces. A. N. Reshetko, S. I. Panchenko. Podg. i koks, ugl. no. 6:161-163 '65.
Optimal sizes and efficient use of fine coke fractions. K. I. Kotov, S. I. Pincuk. Metallurg 13 no. 5:7-9 O '68.
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Preparing new types of carbonaceous raw materials for aluminum and electrode industry. V. V. Bogolavskii and others. Podg. i koks, ugl. no. 6:3-21 '65.
Preparing refined varieties of naphthalene from high-sulfur raw materials. V. M. Bednov and others. Koks i khim. no. 8:43-46 '68.
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Radiography and radiometry of coal caking. P. I. Shashmurin, I. M. Lazovskii, E. P. Bolter. Podg. i koks, ugl. no. 6:208-210 '65.
Radiography of the caking of crushed coals. P. I. Shashmurin, I. M. Lazovskii. Podg. i koks, ugl. no. 6:193-207 '65.
Reducing the sulfur content in coke during the production process. S. G. Aronov. Koks i khim. no. 8:7-13 '68.
Short information on fuel for gas-turbine units. I. A. P. Storozhuk. Trudy TSKTI no. 75:5-14 '67.
Shrinkage dynamics at various points of a coke cake. L. I. Erkin, L. I. Lobanova. Podg. i koks, ugl. no. 6:291-298 '65.

Some characteristics in coking low-coking gas coals in continuous vertical compartment-type furnaces. G. N. Bezdnyavnyi and others. Podg. i koks, ugl. no. 6:220-224 '65.
Thermographic investigation of spallites. V. V. Mochalov, N. S. Griaznov, A. N. Reshetko. Podg. i koks, ugl. no. 6:153-160 '65.
Thermomechanical properties of coke. V. I. Sukhorukov. Podg. i koks, ugl. no. 6:262-286 '65.
Using quartz filters for ammonia precipitations. D. D. Vorob'ev and others. Koks i khim. no. 8:30-42 '68.
Woodpile pyrolysis with burning of dewatered steam-gas. E. V. Fedorov, A. N. Kisilevskii, L. A. Fudlakova, Gidrot. i isosol'm. prom. 21 no. 6:9-11 '68.

662, 7(571.14)—Asiatic R. S. F. S. R.
Degree of the mixing of coal charge mixtures at the eastern by-product coke plants and ways of its increase. I. M. Lazovskii and others. Podg. i koks, ugl. no. 6:89-92 '65.

662, 7(571.14)—Novosibirsk Province
Investigating Liavvyanskii anthracites as raw material for the anode mass and electrode production. V. V. Bogolavskii and others. Podg. i koks, ugl. no. 6:22-33 '65.

662, 7(571.61)—Krasnoyarsk Territory
Manufacture of metallurgical coke from coals of Krasnoyarsk Territory. I. S. Levin, L. I. A. Kiseleva, M. V. Gofman. Podg. i koks, ugl. no. 6:256-261 '65.

662, 7(571.63)—Irkutsk Province
Metallurgical coke from coals of the Irkutsk Basin. L. G. Ol'shanetskii. Podg. i koks, ugl. no. 6:34-42 '65.

662, 7(574)—Kazakh S. S. R.
Certain characteristics of charges from Karaganda coals in the presence of Kuznetsk gas coals. I. M. Glushchenko and others. Koks i khim. no. 8:14-19 '68.

662.8 Mechanically produced (artificial) fuels
Coking of partially briquetted and thermally prepared charges. E. P. Starke, N. A. Zhukov. Podg. i koks, ugl. no. 6:123-135 '65.
Efficiency of burning briquets from alimo and brown coal mixtures. E. E. Sokolovskii. Ugol' Ukr. 12 no. 6:43-44 Je '68.
Experience in erecting equipment of peat-briquette plants. M. I. Vasil'ev, V. P. Erinskii. Mont. i spets. rab. v stroi. 30 no. 4:6-11 Ap '68.
Influence of the chemical composition of briquet binders on their binding and caking properties. T. M. Belik, I. S. Levin. Podg. i koks, ugl. no. 6:93-101 '65.
Partial briquetting of coal charge mixtures without binding additions. N. M. Savilev and others. Podg. i koks, ugl. no. 6:113-123 '65.

662.9 Furnace and combustion engineering
Automatic proportioning of gaseous products of hydrocarbon fuel combustion for chromatographic determination. I. A. B. Chertkov, E. A. Mashalkin, V. M. Shegagin. Khim. i tekhn. topl. i masel. 13 no. 10:56-57 '68.
Gas burner with a regulated flame length. N. P. Zgonnik. Ogneupory 33 no. 7:17-18 '68.
Gas burning devices for combined heating of charges. A. I. A. Tselin and others. Metallurg 13 no. 5:3-30 My '68.
Improving the technical state and the use of cold-storage warehouse insulating structures. P. V. Vasil'ev. Khol. tekhn. 45 no. 8:34-35 Ag '68.
Mixing properties of round burner torches. D. N. Liskhovskii, D. I. Dobronravina. Energomaekhinostroenie 14 no. 6:11-15 Je '68.
Operation of gas purification by scrubbing behind high-capacity open-hearth furnaces. N. S. Galatov and others. Stal' 28 no. 8:760-763 Ag '68.
Tunnel kiln of 132m. long for the firing of grog products. S. A. Shiriaev and others. Ogneupory 33 no. 6:10-15 '68.
Using oxygen for fuel burning in rotary kilns. A. A. Shumilin. Ogneupory 33 no. 8:6-14 '68.
Utilization of waste heat from ship engines in cooling machinery. D. M. Sazanovskii. Sudostroenie 58 no. 8:21-24 Ag '68.

663 Beverages Stimulants. Water
Continuous cultivation of yeast under the conditions of the production of champagne. V. F. Semenov, I. E. I. Kvasnykov. Mikrobiol. zhur. 30 no. 3:276-278 My-Je '68.
Ice cream made from dry mixes. I. U. A. Olenov, N. N. Fil'chakova. Khol. tekhn. 45 no. 8:17-20 Ag '68.
Isothermal containers from polymer materials for the transportation and selling of ice cream. N. T. Kudriashov. Khol. tekhn. 45 no. 8:20-23 Ag '68.
Polyphenol substances and the quality of apple juice. I. G. Skorikova, E. P. Lashchenko, Koms. i ov. prom. 23 no. 8:11-13 S '68.
Progressive technological methods for ice-cream production. N. D. Zubova, T. I. Tkachkina. Khol. tekhn. 45 no. 8:13-10 Ag '68.

663(471, 11)—Archangel Province
Unit for yeast drying with use of lignite as fuel. O. K. Kalinichev, G. S. Tarasov, I. U. A. Fuka, Gidroliz i kachim prom. 21 no. 6 26-28 '68.

663(477)—Ukrainian S. S. R.
Optimizing the distribution of breweries in the Ukrainian S. S. R. O. Bikaev and others. Ekon. Rad. Ukr. 10 no. 6 68-92 Je '68.

664 FOOD INDUSTRIES PRESERVATION
All-Union conference on scientific organization of labor in the canning, vegetable-drying, and food-concentrating industry. Kons. i ov. prom. 23 no. 10 44-45 O '68.
Machine for the production of ragouts and soups. I. U. Pucholova. Mias ind. SSSR 39 no. 8 28 Ag '68.
Problems of the scientific organization of production, labor and management of an industry. Kons. i ov. prom. 23 no. 10 1-5 O '68.
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Scientific-Technological Council of the Ministry of the Food Industry of the U. S. S. R. A. P. Bul'chenko. Kons. i ov. prom. 23 no. 10 46-47 O '68.
System for the study of effective working procedures and methods. M. V. Ilichev, N. Oshkaderova, E. Khebnikova. Mias ind. SSSR 39 no. 8 26-27 Ag '68.

664(471, 45)—Volgograd Province
Accounting in local trade. N. Evstratov, E. Samokhina. Bukh. uch. 27 no. 7 58-60 Ji '68.

664(478)—Moldavian S. S. R.
Interbranch machine accounting. I. Oshchenko. Bukh. uch. 27 no. 7 34-35 Ji '68.

664(479, 22)—Georgian S. S. R.
New products. M. Chkonita. Mias ind. SSSR 39 no. 8 33 Ag '68.

664(479, 25)—Armenian S. S. R.
Effective modernization of a three-stage vacuum-type evaporator. P. A. Lisovskii. Kons. i ov. prom. 23 no. 10 6 O '68.

664(574)—Kazakh S. S. R.
Business enterprise and sales problems. A. Shevelov. Nar. khoz. Kazakh. no. 9 52-55 S '68.

664.1 Sugar industry
Automatic control of the operation of a predewatering unit. V. V. Zlamani. Sakh. prom. 42 no. 10 27-31 O '68.
Calculation of the sugar output depending on the good quality of syrup and molasses. T. P. Khvalkovskii. Sakh. prom. 42 no. 10 32-33 O '68.
Change in the content of betaine during deionization of green syrup in the glutamic acid producing plant. K. P. Zakharov, S. A. Bukhtolova, N. V. Orlova. Sakh. prom. 42 no. 10 14-15 O '68.
Clarification of starch-molasses syrups by means of ion exchange resins. L. N. Likhoshkina, K. S. Bogatyrev, V. P. Meleshko. Trudy Lab. ion. prots. i sorbt. no. 1 220-228 '68.
Diffusion, viscosity of growth speed of saccharose crystals. I. N. Kaganov, V. I. Tuzhilkin. Sakh. prom. 42 no. 10 11-12 O '68.
Distribution of warehouses for loose storage of granulated sugar. V. L. Mar'ianchik, A. G. Borodnya, R. M. Kolomoits. Sakh. prom. 42 no. 10 16-19 O '68.
Improving the system for calculation and expenditure of limestone. V. A. Danil'tsev. Sakh. prom. 42 no. 10 34-36 O '68.
Meet the great day with honor. Sakh. prom. 42 no. 10 1-4 O '68.
New type of coverings for prolonged storage clamps. I. A. Slobodanik and others. Sakh. prom. 42 no. 10 50-53 O '68.
Practice in harvesting maternal sugar beets at the Rakhmachskiy beet state farm. M. A. Samoilov and others. Sakh. prom. 42 no. 10 48-50 O '68.
Regeneration of anion exchange resins in a purification of sugar liquors. T. A. Klochova, G. A. Chikin, V. B. Vol'tovich. Trudy Lab. ion. prots. i sorbt. no. 1 198-204 '68.
Tray-type conveyor for lime transportation. V. A. Nekliudov, V. E. Khlitkov, V. G. Antakov. Sakh. prom. 42 no. 10 37-38 O '68.
Unit for grinding valve rings of the VN-20 pumps. A. A. Drobochenko, F. I. Glazer. Sakh. prom. 42 no. 10 38-39 O '68.
Use of radioactive apparatus in the sugar industry. S. Rovinskii. Sakh. prom. 42 no. 10 72-73 O '68.
Ways to improve the quality of sugar. L. D. Tarasova. Sakh. prom. 42 no. 10 10 O '68.

664, 1(471, 324)—Voronezh Province
Cooking of masseculite III product using masseculite II product as a base. A. V. Lubechak, V. V. Revenco. Sakh. prom. 42 no. 10 21-22 O '68.

664, 1(471, 62)—Krasnodar Territory
Practice in the work-out and adoption of plans for scientific organization of labor in auxiliary sections of the Gul'kevich Sugar Factory. N. Plavitskiy. Sakh. prom. 42 no. 10 41-47 O '68.
Economic effectiveness of the organization of fruit-paste candy production at the Labinsk Canning Factory. T. D. Tuleneva. Kons. i ov. prom. 23 no. 10 33-34 O '68.

664, 1(477)—Ukrainian S. S. R.
Economic effectiveness of agricultural-industrial complexes. I. G. Ziminin. Sakh. prom. 42 no. 10 10-13 O '68.
Experience in continuous-line harvesting of sugar beets. P. Savich and others. Tekh. v sel'khoz. 28 no. 8 10-12 '68.
Improving the technological method for the purification of diffusion juice in plants of the Kharkov Beet Sugar Combine. V. V. Bakhmanuk. Sakh. prom. 42 no. 10 23-26 O '68.
More on the problem of planning in the sugar industry. V. Sopin. Ekon. Rad. Ukr. 10 no. 7 24-26 Ji '68.
Practice in defectless repair of equipment. V. R. Maevskii. Sakh. prom. 42 no. 10 5-10 O '68.
Use of disk filters at the Zaplyay Plant. P. I. Ischenenko. Sakh. prom. 42 no. 10 19-21 O '68.

664, 1(478)—Moldavian S. S. R.
Practice in boiling out vacuum apparatus. A. P. Softonuk. Sakh. prom. 42 no. 10 37 O '68.

664.2 Starches. Other polysaccharides
Adoption of the refractometric method for the determination of oil percentage in corn oil cakes. T. I. Baglai, L. E. Vlasenko, L. S. Bondarenko. Sakh. prom. 42 no. 10 56-58 O '68.
Automation of the process of first crushing of grains in the production of starch from corn. I. I. Kleiman, G. N. Samoilov. Sakh. prom. 42 no. 10 61-65 O '68.
Effect of the intensity of mechanical action on the process of mechanical-chemical destruction of polysaccharides. N. V. Chabov, L. V. Shastlivtseva, A. S. Shabalina. Gidroliz i lesokhlim. prom. 21 no. 6 5-7 '68.
Use of multicyclone machinery in the sweet corn and starch production. Ch. K. Kurochitskii, L. A. Leiberman, I. U. A. Kholmianskii. Sakh. prom. 42 no. 10 54-56 O '68.

664, 2(477)—Ukrainian S. S. R.
Automatic control of glucose massécuite cooling. N. D. Sasin, V. V. Petrushevskii. Sakh. prom. 42 no. 10 58-61 O '68.

664.3 Edible and cooking fats and oils
Unit for fish fat and meat on the RTM "Atlantik." A. Vol'kov, Ryb. khoz. 44 no. 9 52-55 S '68.

664.4 Mineral foodstuffs
Hydrocarbon composition of lubricants. I. A. Mikhailov and others. Khim. i tekhn. topl. i masel. 13 no. 10 3-10 '68.

664.6 Baking, bread and flour confectionery
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664, 6(477)—Ukrainian S. S. R.
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669,058 Ferrous metals Iron Steel

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- Analysis of temperature and speed dependence of the yield limit and the flow stress in aluminum in the low-temperature field. Part 2. D.G. Rykova, V.D. Iaroshovich. *Fiz. met. i metalloved.* 26 no. 1:3-10 JI '68.
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669, 1(471, 45)—Volgograd Province

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669, 1(471, 61)—Rostov Province

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669, 1(477)—Ukrainian S. S. R.

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669, 1(497, 2)—Bulgaria

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669, 1(571, 17)—Kemerovo Province

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669.2 Nonferrous metals

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669, 2(574)—Kazakh S. S. R.

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669.4 Lead and lead alloys

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669, 5(574)—Kazakh S. S. R.

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669.85 Rare earth metals

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669 873 Thallium
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67/68(571, 6)—Soviet Far East

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675(571 15)—Altai Territory

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676(571 51)—Krasnoyarsk Territory

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678(471.45)—Volgograd Province

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678.4 Rubbers and natural macromolecules

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678.4(471.54)—Sverdlovsk Province

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678.5 Plastics

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Major research in construction and architecture in 1966. M. P. Ilyinskii. *Blul. stroi. tekhn.* 30 no. 3:1-5 Mr '68.

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Method of planning and collecting payment for production funds in construction. V. Sumbatov. *Ekon. stroi.* 10 no. 8:30-41 Ag '68.

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Obligations are fulfilled. A. Novikov. *Zhili. i kom. khoz.* 18 no. 7:2 Ji '68.

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Scientific organization of labor in erection work. I. A. Kaplan. *Zhili. i kom. khoz.* 10 no. 7:4-5 Ji '68.

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Why the workers resign. E. Antosenkov, Z. Kuprianova. *Ekon. stroi.* 10 no. 8:12-17 Ag '68.

Wrench for tightening threaded joints. G. U. Trankov. I. L. Rubin, A. S. Mol'nikov. *Mont. i spets. rab. v stroi.* 29 no. 1:20-22 Ja '67.

69(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)

On the construction sites of the Far North. P. Sebalov. *Inform. blul. VDNKH* no. 8:18-21 Ag '68.

69(471.310)—Moscow City

The first year of work. A. Lev. *Ekon. stroi.* 10 no. 8:30-32 Ag '68.

Methods of reducing manual labor in the Main Administration for Housing and Civil Engineering Construction in Moscow City. P. I. Moiseev. *Mekh. stroi.* 25 no. 6:3-5 Je '68.

69(471.311)—Moscow Province

The Moscow region housebuilders exhibit. A. Kirushin, A. Kesogov, B. Krekov. *Ekon. stroi.* 10 no. 8:33-35 Ag '68.

Realization of resolutions. N. Dmitriyev. *Zhili. i kom. khoz.* 19 no. 8:21-22 Ag '68.

69(471.44)—Saratov Province

Cyclical plans are rural construction schedules. V. Ivanov. *Ekon. stroi.* 10 no. 8:28-30 Ag '68.

69(471.5)—Ural regions

In the effort to put metallurgical construction projects in operation faster. I. U. Drobiazgo, V. Kleiman. *Ekon. stroi.* 10 no. 8:23-25 Ag '68.

69(476)—White Russian S. S. R.

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In the State Committee on Construction of White Russia. *Blul. stroi. tekhn.* 30 no. 3:40-41 Mr '68.

69(477)—Ukrainian S. S. R.

Economic seminar of construction workers. S. Vashets'. *Erecting a 1-464-A large-panel buildings on loans.* A. Holovchenko. *Budmat. i konstr.* 9 no. 4:40 Ji-Ag '67.

Improve the method of construction site management. L. Kuloshov. *Ekon. stroi.* 10 no. 8:26-28 Ag '68.

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69(571.14)—Novosibirsk Province

From the experience of the Novosibirsk Trust "Stroimkhimzastat-1". S. I. Zlobin, L. F. Manakov. *Mekh. stroi.* 25 no. 6:12-16 Je '68.

69(573.3)—Tajik S. S. R.

Economic roofs without attics in Tajikistan housing construction. N. Kh. Iakubov. *Trudy Tdzh. politekh. inst.* 2:16-25 '67.

69(574)—Kazakh S. S. R.

Conference of Kazakhstan's mechanics and builders. A. A. Bondi'. *Blul. stroi. tekhn.* 30 no. 3:47-48 Mr '68.

Economic research in construction. M. Amstibovitskii. *Nar. khoz. Kazakh.* no. 8:46-49 Ag '68.

Every construction site needs to be supplied with a complete set of structural elements needed for construction. V. Grinberg. *Nar. khoz. Kazakh.* no. 8:73-76 Ag '68.

Price of the working minute. N. Khislov. *Nar. khoz. Kazakh.* no. 8:53-55 S '68.

69(575.1)—Uzbek S. S. R.

Publicity and personal interest. R. Ibragimov. *Part. zhizn' [Uzb.].* 11 no. 8:79 Ag '68.

69.02 Structural parts of buildings

Band strength of walls of earthquake-proof buildings. S. I. Duzinkovich. *Blul. stroi. tekhn.* 30 no. 3:21-24 Mr '68.

Effect rigidity of structural members on the evaluation of an optimal precast reinforced-concrete structure. B. M. Lupaev. *Uch. zap. Mord. gos. un.* no. 65:87-94 '68.

Experience in mastering the production of sandwich panels with a monolithic layer of polystyrene foam plastic. N. E. Aikhonova. *Sbor. trud. VNTISM* no. 22:23-34 '68.

High-speed and average speed passenger elevators. *Blul. stroi. tekhn.* 30 no. 3:18-19 Mr '68.

Mechanism for cutting reinforced-concrete structural units. L. S. Goroshevskii. *Mont. i spets. rab. v stroi.* 29 no. 5:10-20 My '67.

Precast construction of an integrated roof of filter elements. V. I. Dubovitskii. *Stroi. truboprov.* 11 no. 8:29-31 S '68.

Soundproofing particle-fiber boards. *Blul. stroi. tekhn.* 30 no. 3:15-16 Mr '68.

Economic effectiveness of polymeric flooring made from thermal sound-insulating materials. B. Krut'lik. *Budmat. i konstr.* 9 no. 4:32-33 Ji-Ag '67.

69 02(48)—Arctic and North Polar regions

Structural and design problems of vertical enclosure walls in the Far North. I. U. Churov. *Zhili. stroi.* 11 no. 4:23-26 '68.

69.03 Building conditions, permanence, location

Construction of high-rise buildings on undermined territories. *Stroi. i arkh. 15* no. 8:6-7 Ag '68.

Sun protection of residential buildings. B. Vasil'ev, K. Shirdatov. *Zhili. stroi.* 11 no. 4:19-20 '68.

69.05 Site organization, methods, equipment, plant

Alignment of plate columns and control of plate units. Z. L. Shenderov, A. G. Tor-Mina'sha, A. L. Krivonogova. *Mont. i spets. rab. v stroi.* 30 no. 4:21-22 Ap '68.

Assembly of equipment by bridge cranes operating on a temporary network. A. P. Ural'skii, F. I. Laptev. *Mont. i spets. rab. v stroi.* 29 no. 1:23-21 Ja '67.

Determining tension in mast guys by the sighting method. F. N. Solozhenova. *Mont. i spets. rab. v stroi.* 29 no. 5:17-19 My '67.

Effective lubricants for molds in the manufacture of reinforced concrete products. M. Larionov. *Budmat. i konstr.* 9 no. 4:30-37 Ji-Ag '67.

Erecting a ski jump. D. V. Peremerov. *Mont. i spets. rab. v stroi.* 29 no. 1:17-19 Ja '67.

Erecting an 80 m. tower-stack by the building-up method. A. N. Andrusenko and others. *Mont. i spets. rab. v stroi.* 30 no. 4:6-8 Ap '68.

Erecting synthesizing columns. L. A. Litvinov, A. I. Sholomitskii, A. N. Lashko. *Mont. i spets. rab. v stroi.* 29 no. 5:4-6 My '67.

Erecting three-dimensional structures of trestles by the use of several cranes. P. A. Bannyi. *Mont. i spets. rab. v stroi.* 29 no. 1:10-12 Ja '67.

Erection of a cooling tower with spraying area of 2600 m². E. I. Gurevich, I. U. Zylbin. *Mont. i spets. rab. v stroi.* 29 no. 5:11-13 My '67.

Erection of vertical apparatuses weighing more than 200 tons. Z. D. Khmarov, I. U. N. Lashko. *Mont. i spets. rab. v stroi.* 29 no. 1:28-30 Ja '67.

Experience in erecting equipment of post-briquette plants. M. I. Vasil'ov, V. P. Litinskii. *Mont. i spets. rab. v stroi.* 30 no. 4:8-11 Ap '68.

Experience in erecting stainless-steel tanks. O. V. Severaki. P. I. Shkolarskii. *Mont. i spets. rab. v stroi.* 29 no. 5:8-11 My '67.

Experience in installing commercial television equipment. E. N. Tokh, E. S. Kvashtin. *Mont. i spets. rab. v stroi.* 29 no. 1:15-17 Ja '67.

Experience in installing high-speed papermaking machinery. V. I. Pozharikov. *Mont. i spets. rab. v stroi.* 30 no. 3:3-6 Ap '68.

Friendship, the basis for success. V. T. Alushin. *Mont. i spets. rab. v stroi.* 29 no. 5:15-16 My '67.

Hoisting of a 280-ton rack by the non-apparatus method. A. G. Dubinin. *Mont. i spets. rab. v stroi.* 29 no. 5:6-8 My '67.

Hoisting of a 388-ton column by turning around a joint. L. M. Ashman, G. S. Drukaev, M. L. El'iasin. *Mont. i spets. rab. v stroi.* 29 no. 1:7-10 Ja '67.

In the Ministry of Assembly and Special Construction Work of the U. S. S. R. *Mont. i spets. rab. v stroi.* 29 no. 1:30-31 Ja '67.

In the Ministry of Assembly and Special Construction Work of the U. S. S. R. *Mont. i spets. rab. v stroi.* 29 no. 5:28 My '67.

In the technical-economic council. *Mont. i spets. rab. v stroi.* 29 no. 1:31 Ja '67.

Information. P. A. Zaitav, N. N. Nearelov. *Mont. i spets. rab. v stroi.* 29 no. 1:31-32 Ja '67.

Installation of drying drums. S. S. Averbukh. *Mont. i spets. rab. v stroi.* 30 no. 4:11-13 Ap '68.

Introduction of the part replacement repair method and remodeling of shops in operation. E. G. Golovinski. F. B. Lavits. *Ennerg. stroi.* no. 28:76-82 '67.

Let us celebrate in a worthy manner the centennial of V. I. Lenin's birth. *Mont. i spets. rab. v stroi.* 30 no. 4:1-2 Ap '68.

Making and assembling of alloys from shells. V. V. Podolskii. *Mont. i spets. rab. v stroi.* 30 no. 4:13-14 Ap '68.

Mechanization of facade jobs. V. A. Smukov, N. A. Korikova. *Gor. khoz. Mosk.* 42 no. 10:37-39 O '68.

New universal stands for the repair of construction machinery. A. N. Kolesnichenko. *Ennerg. stroi.* no. 28:82-87 '67.

On the eve of the fiftieth anniversary of the Great October Revolution. D. B. Iakubovskii. *Mont. i spets. rab. v stroi.* 29 no. 1:1-4 Ja '67.

Potentials for increasing labor productivity in the erection of metal structures. M. L. Gurevich, V. A. Zhukunov. *Mont. i spets. rab. v stroi.* 29 no. 5:13-15 My '67.

Practice of residential construction in the Donets Basin with the use of network schedule graphs. I. A. Karlin. A. Shames. *Zhili. stroi.* 11 no. 7:12-14 '68.

Schemes for assembling vertical apparatuses. A. E. Kuzemchenko. *Mont. i spets. rab. v stroi.* 29 no. 1:12-14 Ja '67.

Simplified methods of calculation and management using network schedule graphs. V. E. Lisovoi. *Izv. vys. ucheb. zav. i stroi. i arkh.* 10 no. 8:77-84 '67.

Simplified transport equipment for construction work. V. S. Oltikali. *Gor. khoz. Mosk.* 42 no. 10:32 O '68.

69.05 (Continued)

Studying the behavior of joints in precast reinforced-concrete shells. I. A. Rokhlin and others. Stroi. konst. no. 8 22-28 '68.

Trust "Metalizirokamatnaya" at construction sites of iron and steel works. N. N. Privalov, Mont. i spets. rab. v stroi., 29 no. 5-1-J My '67.

69 05(477)—Ukrainian S.S.R.

Perspectives for developing prefabricated construction in the Ukraine. P. I. Novikov, B. P. Khaichenko. Stroi. i arkh. 16 no. 8 1-5 Ag '68.

69 05(674)—Kazakh S.S.R.

At the initial stage. G. Zhdanov, Nar. khoz. Kazakh. no. 9 59-62 9 '68.

691 Building materials

Achievements of labor are manifold. H. Baklanov. Bud. mat. i konst. 9 no. 4 3-3 Ji-Ag '67.

Analysis of the efficiency of using structural parts. I. A. Solodovnik. Ekon. stroi., 10 no. 8 54-58 Ag '68.

"Building Materials" pavilion. A. M. Koshlevy. Blud. stroi. tekhn., 30 no. 3 13-45 Mr '68.

Competition and inspection on the protection of labor and safety engineering. Bud. mat. i konst. 9 no. 4 47-48 Ji-Ag '67.

Introducing norms for the number of engineering and technical workers and employees in enterprises of the building materials industry. P. Boroshnev. Sots. trud. 13 no. 7 94-99 '68.

Possibility to determine thermophysical properties of materials by the method of differential thermal analysis. O. A. Demidov. Stroi. iud. VNIINSM no. 22 74-75 '68.

Scientific organization of labor, one of the major factors in the development of production. V. Popov. Bud. mat. i konst. 9 no. 4 11-12 Ji-Ag '67.

Sealing joints of corrosion-resistant linings with "kazemir" putty. V. Pokrovskiy, I. Vorobyov, Z. Gofman. Bud. mat. i konst. 9 no. 4 6-7 Ji-Ag '67.

Standard and experimental structural elements. I. S. Prikhodko. Blud. stroi. tekhn., 30 no. 3 29-33 Mr '68.

Structural and design problems of vertical enclosure walls in the Far North. IU. Churov. Zhil. stroi. 11 no. 4 23-26 '68.

Use of glass tiles for the lining of compartments. V. V. Tsvetich. Stroi. iudoproiz., 13 no. 6 34 1e '68.

691(476)—White Russian S.S.R.

The reform and interplant business accounting. I. A. Rubanov. Plan. khoz., 15 no. 10 49-56 O '68.

691 (477)—Ukrainian S.S.R.

Seminar in honor of the 50th anniversary of the Great October Revolution held in the Ukraine. Bud. mat. i konst. 9 no. 4 45-46 Ji-Ag '67.

Welcome the 50th anniversary of the Great October Revolution. Bud. mat. i konst. 9 no. 4 1 Ji-Ag '67.

691(571.12)—Tyumen' Province

Possibilities of using local building materials in Tyumen' Province. I. B. Veprik, V. E. Leitikh. Stroi. iudoproiz., 11 no. 12 4-6 D '66.

691.1 Materials of organic origin. Timber, etc.

Effect of foam plastic structure on the properties of sealing and heat-insulating materials. Z. S. Khomenko, N. E. Iakhtanova, M. P. Pomanskaya. Sbor. trud. VNIINSM no. 22 34-38 '68.

Effect of moisture content on the limit carrying capacity of wooden elements under bending. B. A. Ovenskii, B. E. Rodin. Uch. zap. Mord. gos. un. no. 65 169-182 '68.

Experimental study of the strength and deformability of wood of Siberian larch during compression and tension along the fibers considering the effect of permanent load. V. V. Bykov. Izv. vys. uchob. zav., stroi. i arkh. 10 no. 8 3-8 '67.

Tensile strength and deformation under bending on pine wood as related to its moisture content. B. E. Rodin. Uch. zap. Mord. gos. un. no. 65 157-168 '68.

691.2 Natural stone

Calculating rock products. A. A. Savel'ev, G. A. VNIINerud no. 23 97-108 '67.

Reconstruction of plants as a substantial reserve for increasing the production of rock products. N. P. Savel'ev, A. S. Igonin, A. T. Zakharov. Sbor. trud. VNIINerud no. 23 97-108 '67.

Rock products industry during the last 50 years. V. N. Vasil'ov. Sbor. trud. VNIINerud no. 23 3-8 '67.

Setting standards for capital allocations. A. V. Melous. Sbor. trud. VNIINerud no. 23 72-79 '67.

Site grading of products from separate rock jumps crushed by impact. G. A. Maslov. Sbor. trud. VNIINerud no. 23 126-136 '67.

Sorting granular materials in screens submerged in water. N. P. Savel'ev, Sbor. trud. VNIINerud no. 23 137-148 '67.

Studying the pneumatic method for sorting sands. V. A. Sobolev. Sbor. trud. VNIINerud no. 23 113-120 '67.

Use of nonwoven rock-wool panels of the "Traverton"-type. N. A. Nikol'skaya. Sbor. trud. VNIINSM no. 22 61-69 '68.

Use of water repellent powders. H. Nachelev, I. Baglai, V. Fedosovych. Bud. mat. i konst. 9 no. 4 17 Ji-Ag '67.

691 2(477)—Ukrainian S.S.R.

Major trends in the development of the manufacture of wall materials from rock products. I. E. Rudchenko. Bud. mat. i konst. 9 no. 113 Ji-Ag '67.

691.3 Artificial stone. Concrete, etc.

Behavior of keramzit reinforced concrete piles in bridge foundations. K. P. Dellos, F. A. Shtinkov. Avt. dok. 11 no. 7 18-21 11 '68.

Bridge crane beams in reinforced concrete. L. I. A. Al'terman. Ekon. stroi., 29 no. 58-60 '62.

Calculating bending with compression stresses in reinforced concrete beams. O. A. Kokovin. Uch. zap. Mord. gos. un. no. 65 140-155 '68.

Calculating rectangular reinforced-concrete elements for deformations under oblique bending load. I. A. M. Levadnyi. Stroi. konst. no. 8 50-61 '68.

Calculating stresses due to the shrinkage in a concrete element. G. M. Rominets. Stroi. konst. no. 8 45-50 '68.

Calculation of flexural reinforced-concrete beams and plates considering the formation of cracks. A. M. Tsalik. Stroi. konst. no. 8 28-35 '68.

Calculation on the formation of oblique cracks during transverse bending of reinforced-concrete beams. A. S. Zorich. Stroi. konst. no. 8 35-45 '68.

Creep of sandy asphalt concrete. E. S. Dzhanazian. Izv. vys. uchob. zav., stroi. i arkh. 10 no. 8 141-145 '67.

Effect rigidity of structural members on the evaluation of an optimal precast reinforced-concrete structure. B. M. Liupaev. Uch. zap. Mord. gos. un. no. 65 87-94 '68.

Estimating optimum structures for reinforced concrete members. B. M. Liupaev. Uch. zap. Mord. gos. un. no. 65 95-119 '68.

Experimental study of concrete creep under the conditions of plane stressed state. V. M. Tkachuk. Stroi. konst. no. 8 110-113 '68.

Experimental study of the stability of prestressed and plain reinforced-concrete beams. A. P. Koval'skii. Stroi. konst. no. 8 76-85 '68.

Gypsum sheeting. Blud. stroi. tekhn., 30 no. 3 17-18 Mr '68.

Installation for the bending-torsion testing of reinforced concrete beams under multiple repeated dynamic loads. A. I. Khaitonov. Uch. zap. Mord. gos. un. no. 65 120-124 '68.

Investigating the frost resistance of gas ash silicate with a porous finishing coat. T. V. Kashechikina, E. P. Kazanova, I. A. Ryb'ev. Izv. vys. uchob. zav., stroi. i arkh. 10 no. 8 68-74 '67.

Mesh-reinforced structural members. IU. Zavoloka. Bud. mat. i konst. 9 no. 4 7-8 Ji-Ag '67.

Necessity to consider inertia forces during dynamic testing of reinforced concrete beams. V. M. Solukov. Uch. zap. Mord. gos. un. no. 65 75-76 '68.

Silica brick made from washed gravel. I. Sholiakhina. Bud. mat. i konst. 9 no. 4 21-22 Ji-Ag '67.

Standardization of hyperbolic reinforced-concrete roof panels. A. A. Tseitlin. Stroi. konst. no. 8 13-21 '68.

Studying resistance to crushing of reinforced-concrete elements with web reinforcement under zonal loading. V. G. Kyasha. Stroi. konst. no. 8 106-110 '68.

Studying the frost resistance of stressed concrete. K. A. Mal'tsov, P. G. Shtaitik, S. S. Antonov. Izv. VNIIG 70 193-197 '62.

Testing prestressed reinforced-concrete beams under the combined load of shearing force and of bending and twisting moments. N. I. Timofeev. Uch. zap. Mord. gos. un. no. 65 125-130 '68.

Thermophysical and moisture characteristics of concrete cementless keramzit concrete. A. G. Bulychev. Sbor. trud. VNIINSM no. 22 57-64 '68.

Use of frozen foam for heat insulation of soils and concrete blocks. T. S. Ginzburg, A. L. Pekhovich, S. M. Aloiukov. Energ. stroi., 20 no. 63-65 '62.

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693.9 Framed construction

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Stages in an experiment. A. Birgor, A. Sergeev. Zhil.stroi. 11 no.4-6-12 '68.

694 Carpentry. Joinery

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Parquet-fibrolite floor tiles V. Foklin, G. Naumova. Zhil.stroi 11 no.7-30 '68

696.1 Plumbing. Sanitary installation

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696.2 Gas installation

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Words and deeds are never in variance. P. Shevtsov. Zhil.i kom.khoz. 19 no.7-4-11 '68.

697 Heating, ventilation, air conditioning

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698 Finishing and decorating trades. Painting, glazing, etc.

For the attention of construction workers. Inform.bul. VDNKH no.8-22-23 Ag '68.

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698(477)—Ukrainian S.S.R.

Combined paint roller. Bud.mat.i konstr. 9 no.4-43 11-Ag '67

699.8 Protective, proofed, insulated construction

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7.01 Aesthetics. Theory. Taste, etc

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7.01(4/9 104)—Capitalist countries of the world

Bombs filled with ideas. B. Shecherbakov. Agitator no.18-14-17 S '68.

7.01(575.1)—Uzbek S.S.R

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7.04(471.24)—Novgorod Province

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7.04(497.1)—Yugoslavia

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7.05 Applications of art in industry, the home, etc. Industrial, commercial design

Basic trends in designing and producing furniture for community buildings B. Neshumov. Tekh.est. 5 no.8-18-21 Ag '68

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7.05(45)—Italy

"Orillo," a new telephone apparatus. G. dal Monte. Tekh.est. 5 no.8-28-30 Ag '68.

7.05(575.3)—Tajik S.S.R.

Understandable and effective visual aid M. Bobadzhanov. Agitator no.17-13-44 S '68

711.1 Generalities. Development. Planning schemes

711.1(471.25)—Pskov Province

Birthplace of "Iskra". M. Rachevskaya. Zhil.i kom.khoz. 19 no.8:5-6 Ag '68.

711.3 Country planning. Rural development, upkeep of amenities

Standard designs of rural drugstores. I. I. Panchenko. I. P. Pavlova, S. V. Suprun. Farmatelia 17 no.5-16-23 S-O '68

711.3(574)—Kazakh S.S.R

Rural construction in Kazakhstan during Soviet rule. I. A. Bystrov. Bul.stroi.tekh. 29 no.11:18-20 N '67.

711.4 Town planning. Urban development, built-up areas, towns, villages, etc.

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711.4(437)—Czechoslovakia

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711.4(438)—Poland

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711.4(471.1)—Northern R.S.F.S.R.

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711.4(471.232)—Leningrad City

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711.4(471.311)—Moscow Province

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711.4(471.41)—Tatar A.S.S.R.

City where V. I. Lenin lived and studied. A. Bondarenko. Zhil.i kom.khoz. 18 no.7-13-14 JI '68.

711.4(471.45)—Volgograd Province

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711.4(471.52)—Bashkir A.S.S.R

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711.4(477)—Ukrainian S.S.R

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711.4(571)—Asiatic R.S.F.S.R

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711.5 Units, areas, zones, districts, quarters (within towns, etc.)

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Justification of microdistrict construction periods S. A. Kravtsova. Gor.khoz.Mosk. 42 no.10-15-16 O '68

711.5(474)—Baltic Republics

Trade and public structures in Baltic Republics. T. P. Samsonova, I. A. Rakovitsan. Stroi.i arkhitekt. 16 no.8-13-15 Ag '68.

711.6 Site planning. Grouping. Squares, etc.

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711.7 Traffic routes: road, rail, water and air

Thoroughfares in the cities of the future. V. N. Gusev. Stroi.i arkhitekt. 18 no.8-20-24 Ag '68.

712 Landscape, natural and designed parks. Gardens

712(477.88)—Transcarpathia

Practice in farmstead landscaping in Transcarpathia. Z. A. Petrova. Stroi.i arkhitekt. 18 no.8-28-30 Ag '68.

712.3 Landscape gardening generally: planning, layout, execution

Use of stimulants in plant growing. O. Pokolov. Zhil.i kom.khoz. 19 no.8-7 Ag '68.

712.4 Planting design. Vegetation, plant forms, arrangement

712.4(57)—Asiatic U.S.S.R.

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72.01 General aesthetics. Design. Planning, etc.

On time set for the preparation of planning and estimates records. I. Kaban, L. Pashonytsyn. Izob.Rad.Ukr. 10 no.6-63-64 Je '68

72.1 Buildings generally. Programming. Design

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725.2 Commercial and office buildings

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725.3 Transport, traffic and storage buildings

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725.4 Industrial buildings. Factories, mills, workshops, etc

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725.4(177)—Undeveloped and underdeveloped areas

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725.4(471.43)—Kuybyshev Province

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725.4(477)—Ukrainian S. S. R.

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725.4(574)—Kazakh S. S. R.

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725.7 Public refreshment buildings. Batha. Spa, resort and park buildings

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725.8 Public entertainment and recreation buildings

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725.8(471.232)—Leningrad City

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725.9 Various civil buildings and structures

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726 Sacred and funerary buildings. Ecclesiastical architecture

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726(471.24)—Novgorod Province

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726(471.310)—Moscow City

Christ's Robe Church in Moscow. V. Svidenik, Zhur. Mosk. Patr. no. 4-14-17 '67.

726(56)—Near East

Easter pilgrimage to the Holy Land. Zhur. Mosk. Patr. no. 6-9 '67.

726(569.4)—Israel

Under the shelter of the Russian Theological Mission in Jerusalem. V. G. Ishin, Zhur. Mosk. Patr. no. 4-10-14 '67.

726(569.5)—Jordan

Christmas pilgrimage; holiday in Bethlehem. M. Speranskii, Zhur. Mosk. Patr. no. 4-5-10 '67.

726(62)—North-east Africa, Egypt and Sudan

The Abu Simbel temples. R. B. Nov. vrem. 26 no. 46-30 N '68.

728 Residential buildings. Housing. Domestic architecture

Build large-panel houses according to improved designs. Biul. stroi. tekhn. 30 no. 3-5-6 Mr '68.
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728(211)—Cold frigid regions

Designs of rural residential buildings for the Far North. A. Sakharov, Zhil. stroi. 11 no. 7-25-26 '68.

728(471.310)—Moscow City

Improve the design of large residential developments in Moscow. L. Dubek, Zhil. stroi. 11 no. 4-1-5 '68.

728(477)—Ukrainian S. S. R.

New residential building blocks in Kharkov. V. Belogub, I. Lagutova, Zhil. stroi. 11 no. 7-2-5 '68.

728(477.38)—Transcarpathia

Rural houses in Transcarpathia. V. G. Zapol'skii, Izv. vys. ucheb. zav.; sb. o. i arkh. 10 no. 8-152-157 '67.

728(479.24)—Azerbaijan S. S. R.

Classification of dwellings of Shirvan in the 19th century. A. N. Mustafayev, Dokl. AN Azerb. SSR 24 no. 5-63-66 '68.

Residential complex in the Nefteyanyye Kamni region

A. Kuznetsov, Zhil. stroi. 11 no. 7-31 '68.

729 Architectural details, decoration and fittings

Ornamental designs of the structural elements of precast shells. N. B. Gavrilova, Izv. vys. ucheb. zav.; sb. o. i arkh. 10 no. 8-157-161 '67.
Stained glass work made with bent steel sections. O. Dobrodietev, Bud. mat. i konstr. 9 no. 4-10-11 Ji-Ag '67.
We would like the people to say "It is made beautifully". A. S. Antonova, Triump. stroi. no. 3-29 Mr '68.

73 SCULPTURE AND THE PLASTIC ARTS

The work of the young; from an exhibition of works entered in a competition. T. Kazhlov, Vest. vys. shkoly 26 no. 3-46 Mr '68.

73(571.15)—Altai Territory

Ancient stone statues in the southern Altai Mountain region. S. S. Sorokin, Sov. arkheol. no. 1-260-262 '68.

737 Numismatics

737(575)—Central Asia

One more mint of Muhammad, Shah of Khotem, in Central Asia. E. A. Davidovich, Sov. arkheol. no. 1-277-284 '68.

738 Ceramic art, pottery, etc.

A conference on Greek vases in the German Democratic Republic. N. M. Loseva, N. A. Sidorova, Sov. arkheol. no. 1-314-316 '68.

739 Artistic metalwork

739(575.1)—Uzbek S. S. R.

A bronze statuette from Begovat. L. M. Rutkovskaya, Sov. arkheol. no. 1-255-259 '68.

74 DRAWING AND MINOR ARTS

741 Drawing and sketching

741(44)—France

The language of Eiffel. I. U. Ponomarev, Zhurnal. ist. no. 5-79-80 My '67.

744 Technical drawing, lettering

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746 Art needlework, needlecrafts, handweaving, etc.

746(470)—European U. S. S. R.

Finger-shaped design used by the peoples of the European part of the U. S. S. R. G. L. Khiti, Sov. etn. no. 1-134-138 Ja-F '68.

748 Artistic glass and crystal

748(479.25)—Armenian S. S. R.

Cutglass vessels from Dvin. R. M. Dzhanyalov, Sov. arkheol. no. 1-268-274 '68.

75 PAINTING

A folding icon made in 1112 by the painter Iaklan. T. V. Nikolova, Sov. arkheol. no. 1-89-102 '68.
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75(430)—Germany

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75(471.24)—Novgorod Province

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75(479.25)—Armenian S. S. R.

An ampulla with the image of St. Andrew from Hn. A. A. Kalentian, Sov. arkheol. no. 1-274-276 '68.

77 PHOTOGRAPHY AND CINEMATOGRAPHY

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77.03 Photographic records and their interpretation

Use of photodocumentation in underground mining workings. K. L. Kokoreva, Trudy VSEGEI 121:213-212 '67.

771 Photographic equipment

Films printing apparatus. M. G. Shamaletov, N. V. Valuski, Tekh. kino i telev. 12 no. 8-59-61 Ag '68.
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778.33 X-ray and gamma-ray photography. Radiography

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- Contrast X-ray examination in cystic formations of the frontal sinuses. I. A. Pustovak, I. U. B. Iakhtak. Vest. rent. i rad. 43 no. 3:75-76 My-Je '68.
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- Firm holder for roentgenography of the femoral neck. G. Parnalis. Ortop., travm. i protz. 29 no. 9:73-75 S '68.
- Giant-cell tumor (osteoblasto-osteoma) of the rib. O. S. Lipkina, P. K. Pavlov. Vest. rent. i rad. 43 no. 3:84-85 My-Je '68.
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- Lymphography in tumors of the skin, soft tissues of the lower extremities, and the penis. L. S. Rozenshtaukh, V. N. Gavriluk, L. S. Sukovatykh. Vest. rent. i rad. 43 no. 3:66-71 My-Je '68.
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- Perforation of gastric ulcer during roentgenoscopy. M. I. Levin, I. U. P. Kurochkin, I. I. Khiz. no. 9:76-77 S '63.
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- Rontgenologic characteristics of some development anomalies of skeletal bones. I. M. Erlikhman. Azorb. med. zhur. 45 no. 4:54-59 Ap '68.
- Rontgenological picture of Ewing's sarcoma of the metaphyses of tubular bones. M. S. Tseliskovskii. Vest. rent. i rad. 43 no. 3:3-8 My-Je '68.
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- Tomographic examination of postoperative cavity in chronic purulent otitis. S. B. Haidi. Vest. rent. i rad. 43 no. 3:77-78 My-Je '68.
- Use of negatoscope showcase for practical studies at a medical institute. B. I. Zakharov. Vest. rent. i rad. 43 no. 3:74-76 My-Je '68.
- Variant of the execution of longitudinal tomography of the sternum in direct projection. L. S. Semashko. Vest. rent. i rad. 43 no. 3:87-88 My-Je '68.
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- X-ray diagnosis of actinomycosis of the bones of the maxillofacial region. I. A. Shekhter, I. U. I. Vorob'ev, T. G. Robustova. Vest. rent. i rad. 43 no. 3:48-67 My-Je '68.
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X-ray diagnosis of tuberculous osteitis in the lower portion of the trochanteric fossa in children. I. A. Sergeev. Vest. rent. i rad. 43 no. 3:21-25 My-Je '68.

778 5 Cinematography

- Hidden-in stage sets. G. A. Miasnikov. Tekh. kino i telev. 12 no. 8:3-13 Ag '68.
- Determination of basic technical data on the speed of sound emission of block stabilizers. V. I. Strizhak. Tekh. kino i telev. 12 no. 8:25-28 Ag '68.
- A great heritage. A. Borisov. Nov. vrem. 26 no. 46:11-12 N '68.
- Heat exchange in projection aperture during fixed projection. A. I. A. Kuperman, L. G. Tarasenko. Tekh. kino i telev. 12 no. 8:14-21 Ag '68.
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- Testing film for black-and-white and color television. N. Tolstov and others. Tekh. kino i telev. 12 no. 8:39-41 Ag '68.
- V. I. Lenin and the formation of Soviet cinematography. L. S. Pivovara. Uch. zap. Kaf. obshchestv. nauk vuz. g. Len. i Ist. KPSS no. 8:98-114 '68.

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- An artist of high intellect. L. Zhivov. Sov. muz. 32 no. 4:80-81 Ap '68.
- "Atlantides" G. Kasatkina, L. Fedotova. Sov. muz. 32 no. 4:23-26 Ap '68.
- "The bugle sounded at break of dawn..." I. Zornitsovskii. Sov. muz. 32 no. 3:47-48 Mr '67.
- Celebrating the congress of Russian composers. Sov. muz. 32 no. 4:2-14 Ap '68.
- Conclusions and wishes. K. Kondrashin. Sov. muz. 32 no. 3:32-37 Mr '67.
- Developing folkloric traditions. V. Zhivov. Sov. muz. 32 no. 4:77-78 Ap '68.
- Evening at the composers' club. I. Chalaeva. Sov. muz. 32 no. 4:82-81 Ap '68.
- Folklore, historicism, and paradox. I. Zornitsovskii. Sov. muz. 32 no. 4:80-81 Ap '68.
- The force of emotional conviction. L. Vladimirov. Sov. muz. 32 no. 4:79-80 Ap '68.
- I'm a diary of concert life. G. Ustin, A. Arsen'ev. Sov. muz. 32 no. 3:50-51 Mr '67.
- From the times of Mahler. K. Rozenshtaukh. Sov. muz. 32 no. 3:87-87 Mr '67.
- Give national orchestras a modern structure. M. Lysonko. Sov. muz. 32 no. 4:70-72 Ap '68.
- The glory of these days will not grow silent... V. Vinogradov. Sov. muz. 32 no. 3:58-57 Mr '67.
- His piano music... Francis Poulenc. Sov. muz. 32 no. 4:100-111 Ap '68.
- In memory of Grigor Casado. L. Ginzburg. Sov. muz. 32 no. 1:138 Mr '67.
- In musical orbit. Sov. muz. 32 no. 3:133-137 Mr '67.
- In musical orbit. Sov. muz. 32 no. 4:140-145 Ap '68.
- In this the end of music criticism? N. Tarakanov. Sov. muz. 32 no. 3:26-31 Mr '67.
- A journey into the remote past in quest for music. R. L. Sadokov. Sov. cin. no. 1:146-163 Ja-F '68.
- Laudate speak. I. U. Temirkanov and others. Sov. muz. 32 no. 3:36-43 Mr '67.
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- Mastery and inspiration. P. Vasili'ov. Sov. muz. 32 no. 4:81-82 Ap '68.
- Meetings with an artist. Dm. Rogal'-Iovitskii. Sov. muz. 32 no. 4:101-108 Ap '68.
- "Melody" firm is on exhibition. G. Sheldchenko. Inform. biul. VDNKH no. 9:34-35 S '68.
- Musical and the imagination. Aaron Copeland. Sov. muz. 32 no. 4:117-122 Ap '68.
- Music festival. L. Zhivov. Sov. muz. 32 no. 3:52-63 Mr '67.
- Nothing but diatonics? S. Pushkina. Sov. muz. 32 no. 3:102-104 Mr '67.
- On duty in November. M. Nest'eva. Sov. muz. 32 no. 3:13-18 Mr '67.
- Our guests. A. Sh. Sov. muz. 32 no. 4:138-139 Ap '68.
- The path to the blossoming of creativity. M. Aronovskii. Sov. muz. 32 no. 4:95-100 Ap '68.
- Poetry of light sentiment. M. Khalik. Sov. muz. 32 no. 4:17-20 Ap '68.
- Reminiscences of Lunacharskii. I. Gnesina. Sov. muz. 32 no. 3:70-72 Mr '67.
- A review of professionalism. L. Ginzburg. Sov. muz. 32 no. 3:37-39 Mr '67.
- Shalapi sings "Farwell, happiness." L. Lobedinskii. Sov. muz. 32 no. 4:72-76 Ap '68.
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- Songs of southern Russia. V. Shchurov. Sov. muz. 32 no. 3:99-102 Mr '67.
- Songs of the motherland of Glinka. V. Lapin, A. Belonenko. Sov. muz. 32 no. 4:112-116 Ap '68.
- Studying the score of "Turanghita." G. Khaimovskii. Sov. muz. 32 no. 3:105-113 Mr '67.
- Success demands further work. N. Verbova. Sov. muz. 32 no. 3:40-49 Mr '67.
- Ten piano monographs. N. Rastopshina. Sov. muz. 32 no. 4:85 Ap '68.

- Through the countries of the world. A. Klimovitskii, V. Fomin, E. Melikh. Sov. muz. 32 no. 3:53-56 Mr '67.
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- "A worker song" answers to an article. Agitator no. 17:61 S '68.
- 78(438)—Austria
- The unforgettable... A. Maslennikov. Sov. muz. 32 no. 4:130-135 Ap '68.
- 78(138)—Poland
- A holiday celebration. Jozef Kanski. Sov. muz. 32 no. 1:123-127 Ap '68.
- The living past. I. U. Keldysh. Sov. muz. 32 no. 3:116-126 Mr '67.
- A meeting with Wilbostreka. A. Vulfson. Sov. muz. 32 no. 3:55-57 Mr '67.

78(439)—Hungary

- International festival of choral music. V. Sokolov. Sov. muz. 32 no. 3:127-129 Mr '67.
- 78(474.2)—Estonian S. S. R.
- Blazer of trails. L. Normet. Sov. muz. 32 no. 3:10-23 Mr '67.
- From my notebook. H. Ilie. Sov. muz. 32 no. 3:25 Mr '67.
- Pupils to their teacher. F. Tubin and others. Sov. muz. 32 no. 3:23-25 Mr '67.
- 78(476)—White Russian S. S. R.
- Harvest time songs of the White Russian Polesye. Z. I. Mazheika. Vest. AN BSSR. Ser. hrani. nav. no. 2:110-120 '68.
- 78(479.24)—Azerbaijan S. S. R.
- The making of an artist. I. Ab'ergauz. Sov. muz. 32 no. 3:7-12 Mr '67.
- 78(479.25)—Armenian S. S. R.
- Principal musicologist types of the folk songs of Armenian cities. A. A. Arutunian. Vest. obshchestv. nauk AN Arm SSR. no. 6:70-81 Je '68.
- 78(497.2)—Bulgaria
- Artist and democrat. S. Stolanov. Sov. muz. 32 no. 3:114-115 Mr '67.
- 78(510.17)—North Korea
- Art of friends. M. Rohnev. Sov. muz. 32 no. 3:51-52 Mr '67.
- 78(575.2)—Kirghiz S. S. R.
- With thoughts of the future. K. Konduchalova. Sov. muz. 32 no. 3:3-6 Mr '67.
- 78(72)—Mexico
- Lula Herrera on the podium. P. Pichugin. Sov. muz. 32 no. 3:57-58 Mr '67.
- 79 ENTERTAINMENT. PASTIMES. GAMES. SPORT
- "Melody" firm is on exhibition. G. Sheldchenko. Inform. biul. VDNKH no. 9:34-35 S '68.
- 701 Public entertainment
- Public education, science, and culture. Vest. stat. no. 0:86-88 '68.
- 701.4 Films. Motion pictures
- Centralization of accounting in the motion-picture network. G. Kovalev. Bukh. uch. 27 no. 7:38-41 Ji '68.
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- When the face of the author is visible... L. Zakoshanskaya, I. Strazhonkova. Sov. muz. 32 no. 4:28-30 Ap '68.
- 702 Theater. Dramatic performances
- At the crossroads of the Soviet theater. I. Uvarova. Zhurnalst. no. 8:88-89 My '67.
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- 702(41)—United Kingdom and Northern Ireland
- How to write opera for television. Thomas Eastwood. Sov. muz. 32 no. 4:136-138 Ap '68.
- 702(43)—German Democratic Republic
- The Berlin Staatsoper. Iana Plechner. Sov. muz. 32 no. 4:127-129 Ap '68.
- Operatic capital. K. Ird. Sov. muz. 32 no. 3:130-132 Mr '67.

792(471 310)—Moscow City
In the tracks of our performances. Sov. muz. 32 no. 4
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792(474 2)—Estonian S. S. R.
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790 Sport. Games. Athletics
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94(438)—Poland

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94(61)—China

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94(619.3)—Mongolian People's Republic

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940.53(471.23)—Leningrad Province

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940 53(471.33)—Western R.S.F.S.R.
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947(471.4)—Central and Lower Volga regions
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947.084(471.232)—Leningrad City

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947.084(471.310)—Moscow City

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947.084(471.311)—Moscow Province

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947.084(471.321)—Central Black Earth regions
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947.084(471.61)—Rostov Province

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947.084(474.3)—Latvian S.S.R.

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947.084(477)—Ukrainian S.S.R.

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947.084(479.24)—Azerbaijan S.S.R.

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947.084(571.15)—Altai Territory

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AUXILIARY CLASS BY PLACE

(177) Undeveloped and underdeveloped areas
see under the following numbers. 330, 2, 338; 382; 725, 4

(21) Earth's land areas
see under the following number: 551, 2

- (211) Cold, frigid regions
see under the following numbers: 024.1, 728
- (213) Hot (tropical, subtropical) regions
see under the following numbers: 551.5, 631
- (234) Mountains of Europe
see under the following numbers: 551.7, 552; 631.4
- (235) Mountains of Asia
see under the following numbers: 548, 549
- (281) Atlantic Ocean
see under the following number: 551.46
- (281.1) North Atlantic Ocean
see under the following numbers: 551.1, 551.2, 551.40
- (281.3) Baltic Sea, with Gulfs
see under the following numbers: 553.0; 639.3
- (282) Mediterranean Sea, including Adriatic and Aegean Seas
see under the following numbers: 552; 581.5; 595
- (262.5) Black Sea
see under the following numbers: 576.8; 592, 597; 639.3
- (262.8) Caspian Sea
see under the following numbers: 546.8, 551.8, 599; 639.2
- (262.9) Aral Sea
see under the following number: 551.2
- (265) Pacific Ocean
see under the following numbers: 550.8; 551.2; 551.4; 551.5; 595, 597; 639.2, 610
- (267) Indian Ocean
see under the following number: 639.2
- (268) Arctic Ocean
see under the following numbers: 592, 639.3; 910
- (4/9.103) Communist countries of the world
see under the following numbers: 327; 329.06; 33; 330.2; 336.41; 341.2; 351.85; 382, 623.3
- (4/9.104) Capitalist countries of the world
see under the following numbers: 02; 07; 28; 31; 323.16; 323.2; 329; 33; 331; 336.49; 338; 338.1; 341.2; 342.7; 355; 368; 362; 621, 622.3; 656.835; 677; 681.1; 7.01; 930
- (4) Europe
see under the following numbers: 28, 330.2; 331; 331.6; 622.3, 930, 94
- (4.0) European capitalist countries
see under the following number: 325
- (41) United Kingdom and Northern Ireland
see under the following numbers: 01, 05; 07; 327; 331.1; 331.881; 336.1; 342; 35.08; 351.74; 371.9; 382.16; 631.5; 659; 664.7; 792; 930; 94
- (430) Germany
see under the following numbers: 300.582, 325; 338.41; 340.06; 623.461; 75; 94, 940.53
- (431) German Democratic Republic
see under the following numbers: 06.07; 07; 329.05; 330.19; 338; 342; 343; 347.9; 378; 381.1; 382; 553; 621.5; 621.87; 621.92; 622.2; 625.7; 629.123; 654.1; 792; 910
- (433) Federal Republic of Germany
see under the following numbers: 07, 28; 31; 323, 327, 329.06; 329.4; 336.42; 336.47; 351.74, 355, 355.02; 629.128; 930
- (436) Austria
see under the following numbers: 352, 78
- (437) Czechoslovakia
see under the following numbers: 01, 07, 323, 323.1, 327, 342, 342.7, 615, 621.9; 669.1, 681.2, 711.4, 930.26, 94, 940.53
- (438) Poland
see under the following numbers: 07; 327, 378; 382, 389; 576.8; 616.9, 625.8, 627.3; 629.128, 681.1; 681.2, 693.6, 711.4, 78; 930.26; 94
- (439) Hungary
see under the following numbers: 07, 351.83, 37, 551.7, 571, 621.5; 629.12, 666.9; 78; 94
- (44) France
see under the following numbers: 07, 14; 32; 331.8; 382, 615.3, 616.1, 629.113; 741, 930, 94; 940.53
- (45) Italy
see under the following numbers: 331.6; 338; 389, 626.8; 629.113, 7.05, 930, 931; 94
- (460) Spain
see under the following number: 94
- (470) European U. S. S. R.
see under the following numbers: 551.4; 551.48; 551.5; 746
- (471) Russian Soviet Federated Socialist Republic (R. S. F. S. R.)
see under the following numbers: 01; 34; 347.903; 351; 389; 39, 631.8; 664.7; 89
- (471.1) Northern R. S. F. S. R.
see under the following numbers: 07; 323.3, 331.8; 338; 338.9; 650.3; 711.4, 911, 947
- (471.11) Archangel Province
see under the following numbers: 07; 37; 66.0, 663
- (471.12) Vologda Province
see under the following numbers: 338.1; 37; 625.7; 669.1; 947
- (471.13) Komi A. S. S. R.
see under the following numbers: 551.2; 621.6; 621.791; 622.3; 658.8
- (471.2) Northwestern R. S. F. S. R.
see under the following numbers: 07; 621.6; 658.8
- (471.21) Murmansk Province
see under the following numbers: 549; 551.3; 552; 553, 622.2; 658
- (471.22) Karelian A. S. S. R.
see under the following numbers: 352; 381.5; 571
- (471.23) Leningrad Province
see under the following numbers: 338.1; 362.1; 378; 622; 629.12; 631.3; 636, 940.53
- (471.232) Leningrad City
see under the following numbers: 329.01; 331; 331.97; 338.98, 347.264; 347.77; 362.4; 370.17; 371.9; 373.6; 378; 381.5; 626.8; 629.12; 631.6; 658.1, 658.3; 658.5; 676, 677; 711.4; 725.8, 798; 912; 947.084; 947
- (471.24) Novgorod Province
see under the following numbers: 368.48; 378; 666.7; 7.04; 725; 75
- (471.25) Pskov Province
see under the following numbers: 553, 711.1
- (471.29) Kaliningrad Province
see under the following numbers: 362.6, 378
- (471.31) Central Industrial regions
see under the following number: 947
- (471.310) Moscow City
see under the following numbers: 02, 06.09; 07, 09, 28, 329.01; 331, 338.98; 351.9, 370.17; 373.6, 378, 380.13, 381, 381.5, 62; 621.75; 624; 625.4; 627; 657, 658.8, 659; 687, 726; 728; 782, 930, 947.084
- (471.311) Moscow Province
see under the following numbers: 068, 329.02, 331.881, 338, 338.1, 347.996, 371.1, 373.6; 381.5; 562; 613.7, 614.7; 631.4, 631.5; 631.8; 634.0; 635.1; 639.3, 641, 658, 666.7, 69, 711.4, 947.084
- (471.312) Tula Province
see under the following numbers: 616.9; 625.7
- (471.313) Ryazan Province
see under the following numbers: 331; 382.6, 374, 664.7
- (471.315) Ivanovo Province
see under the following number: 373.6
- (471.316) Yaroslavl Province
see under the following numbers: 331; 381.5; 621.311
- (471.317) Kostroma Province
see under the following numbers: 07, 329.05, 331
- (471.32) Central Black Earth regions
see under the following numbers: 597; 639.3, 947.084
- (471.321) Orel Province
see under the following numbers: 338.1; 370.17
- (471.322) Lipetsk Province
see under the following number: 947
- (471.323) Kursk Province
see under the following numbers: 347.9, 622.3; 622.7; 631.4; 640.53
- (471.324) Voronezh Province
see under the following numbers: 661; 621.311; 631.3; 658.3; 664.1; 664.7
- (471.325) Belgorod Province
see under the following numbers: 371.1, 622.2
- (471.326) Tambov Province
see under the following numbers: 362.6; 631.3; 636.08
- (471.327) Penza Province
see under the following number: 657
- (471.328) Mordvin A. S. S. R.
see under the following numbers: 37; 39, 553; 572; 631.6; 631.8; 632.9; 633.1; 633.2, 633.3; 633.4; 633.5; 634.1; 635.1; 635.6
- (471.33) Western R. S. F. S. R.
see under the following numbers: 329.02; 940.53
- (471.331) Kalinin Province
see under the following numbers: 333; 639.3; 947.084
- (471.332) Smolensk Province
see under the following numbers: 338.1; 37; 631.6

- (471.333) Bryansk Province
see under the following number 362.7
- (471.34) Volga-Vyatka regions
see under the following numbers 551.2, 552, 553.9
- (471.341) Gorkiy Province
see under the following numbers 591.6; 595, 598.2, 599, 620.12, 631.3, 633, 635.8
- (471.342) Kirov Province
see under the following number 553.9
- (471.344) Chuvash A. S. S. R.
see under the following number 553.9
- (471.4) Central and Lower Volga regions
see under the following numbers: 320.01; 34, 550.8, 551.2; 552; 553.9, 622.3, 656.6, 658.1, 674; 684; 947
- (471.41) Tatar A. S. S. R.
see under the following numbers: 336.1; 371.7; 550.3, 550.8; 551.2, 551.7, 552; 553, 553.9, 571, 61, 614.2, 616.9, 621.31; 621.311; 621.6, 622.2; 622.3, 624; 627.8, 658.1, 711.4, 911, 914
- (471.42) Ulyanovsk Province
see under the following numbers 329.04, 338.1, 37, 370.17, 947.084
- (471.43) Kuybyshev Province
see under the following numbers. 07; 329.01, 37; 371.1; 550.8, 551.2, 553; 553.9, 577.4, 621.311, 622.2; 622.3, 658.5; 665.5; 725.4, 911
- (471.44) Saratov Province
see under the following numbers 061; 331, 552, 553.9, 616.89; 621.43; 631.2, 631.2, 658; 658.5; 89, 930.26
- (471.45) Volgograd Province
see under the following numbers 381.5, 551.7, 552; 553.9, 621, 657, 658.3, 658.5, 66.04, 664, 665.4; 665.5; 666.9, 669.1, 678, 711.4
- (471.46) Astrakhan Province
see under the following numbers 635, 664.8
- (471.5) Ural regions
see under the following numbers 542, 550.8, 551.2; 552, 553, 553.9, 571; 599; 615, 622.3, 634.0, 658.5; 69, 930.26
- (471.51) Udmurt A. S. S. R.
see under the following numbers 550.3; 550.8; 551.2; 551.7; 553.9; 627.8
- (471.52) Bashkir A. S. S. R.
see under the following numbers: 553, 553.9, 561, 561.5, 613.7; 621.6; 621.87, 622.2, 633, 633.2; 634.0; 658.1; 655.5, 711.4; 796, 930.26
- (471.53) Perm Province
see under the following numbers: 338.1, 366.4; 373.6; 621.313, 622.2; 658.5; 947
- (471.54) Sverdlovsk Province
see under the following numbers: 37; 373.6; 380.13; 381.5, 621; 622.2; 622.7; 657; 658.5; 658.8, 678.4
- (471.55) Chelyabinsk Province
see under the following numbers 657; 667
- (471.56) Orenburg Province
see under the following numbers. 552, 553.9; 621; 625.7; 657; 664.1
- (471.8) Northern Caucasus
see under the following numbers: 552; 553.9; 576.8; 581.5; 659.3; 930.26, 931, 947.084
- (471.61) Rostov Province
see under the following numbers. 329.02; 330.19; 626.8; 631.3, 631.6, 658.5, 669.1, 947.084
- (471.62) Krasnodar Territory
see under the following numbers. 336.1, 362.1, 381.5, 550.8, 551.49, 615.8, 622.2, 626.8; 629.128, 631.3, 661.7, 664, 664.1, 664.8
- (471.63) Stavropol Territory
see under the following numbers 373.68, 551.7; 622.2, 636.08; 658.5, 66, 664.7; 930.26
- (471.631) Kalmyk A. S. S. R.
see under the following number 633
- (471.65) North Ossetian A. S. S. R.
see under the following number 368.48
- (471.66) Chechen-Ingush A. S. S. R.
see under the following numbers 551.2, 551.40, 551.7
- (471.67) Dagestan A. S. S. R.
see under the following numbers 551.49, 553; 582.4, 599
- (474) Baltic Republics
see under the following number 711.5
- (474.2) Estonian S. S. R.
see under the following numbers. 398; 553; 625.7; 631.6; 644, 664.8; 78; 792
- (474.3) Latvian S. S. R.
see under the following numbers: 320.02; 371.0; 378, 616.089; 621.3; 624.3, 658.5, 947.084
- (474.5) Lithuanian S. S. R.
see under the following numbers 07, 373.6, 380.18; 626.8, 631.6; 657; 658.1, 677
- (476) White Russian S. S. R.
see under the following numbers: 02; 07; 31; 329.01, 329.04, 331; 336.1; 338; 338.1; 352; 37; 371.1; 378, 383.384; 389.1; 39, 550.8; 553.9, 572; 626.8; 631.3; 631.8; 631.8; 633; 64; 656.2, 657, 658.1; 658.5; 664.7; 664.8; 681.1; 69; 691; 78; 940.53; 947
- (477) Ukrainian S. S. R.
see under the following numbers. 02; 05, 061; 07, 168; 28; 300.48; 311; 320.01, 320.02, 320.04; 330.115, 331; 331.8; 331.881; 331.97; 338, 338.1, 338.4; 339; 343; 343.077; 347; 371.1; 373.6, 378, 381, 381.6; 386/398; 39; 391; 549; 550.8; 551, 551.2; 551.49; 553; 553.9; 571; 576.8; 613.2, 613.6; 613.7, 614.8; 615.8; 616.089; 616.9; 621, 621.1; 621.6; 621.791; 621.95; 622.2; 622.3, 624; 625.2; 625.7; 626.8; 627.2; 629.118; 63, 631.1, 631.3; 631.4, 631.52, 631.6; 631.8; 633; 633.6; 634.08; 634.1; 634.8; 635.1; 636.085; 636.3; 637; 639.2; 65.01, 656.6; 657; 658; 658.1; 658.3; 658.5, 658.7; 66; 66.0; 663; 664.1; 664.2, 664.8, 664.7, 664.8; 666.2; 666.7; 668.8, 668.9; 669; 669.1; 677; 677.08; 685, 687; 69, 69.02; 69.05; 691; 691.2; 693.6; 693.8, 698; 711.4; 725.4; 720; 760; 930.26; 947.084
- (477.6) Donetsk Basin
see under the following numbers: 519.24, 551.3; 552; 576.8, 621.791; 622.2; 622.3; 622.6, 669.1, 693.5; 940.53
- (477.8) Western Ukraine
see under the following numbers 551.2; 551.8; 571; 597; 614.2; 616.3, 658.1; 665; 930.26
- (477.88) Transcarpathia
see under the following numbers: 320.03; 331.8; 712; 728
- (477.9) Crimea
see under the following numbers 336.1; 362.1; 550.8; 551.2; 571; 581.4; 629.113; 631.1; 631.3, 635.1; 658.3; 930.26
- (478) Moldavian S. S. R.
see under the following numbers 320.01; 373; 380.13; 621.0; 631.3; 647; 657, 664; 664.1; 664.8; 667
- (479) Caucasus and Transcaucasia
see under the following numbers. 302.1; 548, 550.4, 551.7, 561, 562; 627.5; 631.4; 633.2
- (479.22) Georgian S. S. R.
see under the following numbers: 02; 061, 323.1, 330; 37, 546.1; 551.3; 551.40; 551.6, 553, 577.4, 595; 615.8; 631.4; 631.52; 631.8; 632.9, 632.95, 634.0, 634.1; 658.8, 664; 664.8, 666.5
- (479.223) Adzharia A. S. S. R.
see under the following numbers 631.4; 632.03
- (479.224) Abkhaz A. S. S. R.
see under the following numbers: 381.6; 551.44, 930.26
- (479.24) Azerbaijan S. S. R.
see under the following numbers: 320.01; 320.02, 338.1, 34, 378; 550.4, 550.8; 551.2; 551.3, 551.49, 551.7; 551.8; 552, 553.9; 562; 576.8, 581; 591.3; 582.4; 591.6; 595; 613.7, 614; 614.2; 615; 615.3, 615.4; 615.8; 616.1; 616.2, 616.4; 616.9; 621.1; 621.31; 621.6, 621.96; 622.2; 625.4; 626.8, 631.4; 631.5; 633, 633.2; 634.1; 635.8; 636.3; 656.2, 658; 658.5; 664.8; 664.9; 665.6, 726; 70, 708; 930.26, 947.084
- (479.242) Nakhichevan A. S. S. R.
see under the following number: 553
- (479.25) Armenian S. S. R.
see under the following numbers: 05; 35, 508, 551.7; 582.2, 582.4; 615.6, 621.313; 631.3, 633.5, 633.71, 634.1; 635.1; 651; 658.3, 664; 664.8; 748; 75, 76; 613.1; 930.26
- (48) Scandinavia
see under the number; 625.7
- (480) Finland
see under the following numbers: 28; 320.00, 681.2
- (481) Norway
see under the following numbers: 551.1, 551.2
- (485) Sweden
see under the following number: 553
- (489) Denmark
see under the following numbers: 323.1; 330.1, 64
- (491.1) Iceland
see under the following number 382
- (492) Netherlands
see under the following number:
- (493) Belgium
see under the following numbers: 323, 329.1
- (496) Greece
see under the following numbers: 32; 323; 324, 326; 342; 931
- (496) European communist countries as a group
see under the following numbers: 07; 300.1; 327, 329.00; 330.2; 330; 339.4, 378; 653; 658.5, 681.1; 930
- (497) Balkan States
see under the following number: 64
- (497.1) Yugoslavia
see under the following numbers: 636; 655; 664.7, 7.04

- (497.2) Bulgaria
see under the following numbers: 02, 28, 329.06, 339; 347.0; 37, 374, 616.089, 62, 621.87, 621.9, 622.3, 78, 630.26, 94
- (498) Rumania
see under the following numbers: 24, 26, 327, 329.00, 39, 621.74; 94
- (5) Asia
see under the following numbers: 551.2, 911; 94
- (51) China
see under the following numbers: 20, 323.15, 94
- (519.17) North Korea
see under the following number: 78
- (519.3) Mongolian People's Republic
see under the following numbers: 551.7, 572, 618.0; 94
- (52) Japan
see under the following numbers: 07; 331; 386; 615, 621.79; 625.7; 626.2; 631.1; 664.7, 681.2; 94
- (539) Arab countries as a bloc
see under the following number: 327
- (540) India
see under the following numbers: 338.08, 582.2; 94
- (549) Pakistan
see under the following numbers: 392; 617.3
- (56) Near East
see under the following numbers: 323.2; 320; 333; 34; 347.0, 397; 726; 910; 931
- (560) Turkey
see under the following numbers: 63; 631.3, 930
- (567) Iraq
see under the following number: 323.1
- (569.1) Syria
see under the following numbers: 550.4; 631.4
- (569.3) Lebanon
see under the following number: 362.1
- (569.4) Israel
see under the following numbers: 327, 726; 910
- (569.5) Jordan
see under the following numbers: 726; 910
- (57) Asiatic U. S. S. R.
see under the following numbers: 338.0; 330; 553; 572; 581.2; 582.2; 616.0; 62; 687; 712.4
- (571) Asiatic R. S. F. S. R.
see under the following numbers: 07; 329.02; 331.2; 331.8; 331.89; 338, 338.1; 539.12; 549, 550.8; 551; 551.49; 551.5; 551.7; 552; 553; 553.0; 59; 571; 621.0; 622.2; 622.7, 631.0; 662.7; 711.4; 930; 947
- (571.11) Kurgan Province
see under the following number: 664.7
- (571.12) Tyumen Province
see under the following numbers: 661; 551.7; 553.9; 621.6; 622.2; 622.3; 625.7; 631.0; 658.6; 691
- (571.121) Yamal-Nenets National District
see under the following number: 553.9
- (571.13) Omsk Province
see under the following numbers: 331.2, 338.1, 664.7, 947
- (571.14) Novosibirsk Province
see under the following numbers: 621.311, 621.317; 662.7, 69
- (571.15) Altai Territory
see under the following numbers: 368.4; 552; 553, 571, 631.2; 631.3; 651, 675, 73, 947.084
- (571.151) Gorno-Altai Autonomous Province
see under the following number: 552
- (571.16) Tomsk Province
see under the following numbers: 329.02; 378; 613.2
- (571.17) Kemerovo Province
see under the following numbers: 338.5, 551.7; 552, 553; 622.2, 622.3, 669.1
- (571.51) Krasnoyarsk Territory
see under the following numbers: 329.01, 338.1, 338.48; 552; 553, 621.0, 624.1; 631.4; 631.8; 657; 662.6, 662.7; 666, 669; 670; 681.1
- (571.511) Taymyr National District
see under the following numbers: 549, 550.4; 550.8; 551.46, 551.7; 552, 553; 622.5
- (571.512) Evenki National District
see under the following numbers: 551.43; 551.7; 553; 581.5
- (571.513) Khakas Autonomous Province
see under the following numbers: 396; 553
- (571.53) Irkutsk Province
see under the following numbers: 368.48; 374.4; 550.3, 551; 551.7; 553, 662.7, 666.7
- (571.54) Buryat A. S. S. R.
see under the following numbers: 37; 371.8; 550.8; 551.3; 552; 581.5
- (571.55) Chita Province
see under the following numbers: 370.17; 378, 549; 551.49, 551.7, 552; 553
- (571.56) Yakut A. S. S. R.
see under the following numbers: 30.1; 528; 649; 550.8; 551.3; 551.7; 552; 553; 56; 612.1; 625.8; 633
- (571.6) Soviet Far East
see under the following numbers: 26, 330.10; 549; 551.2; 595; 616.7, 67/68; 610; 612; 947
- (571.61) Amur Province
see under the following numbers: 550.3; 582.4
- (571.62) Khabarovsk Territory
see under the following numbers: 329.04; 370.17; 551.7
- (571.63) Maritime Territory
see under the following numbers: 582.2; 598.2; 599; 616.0; 627.3
- (571.64) Sakhalin Province
see under the following numbers: 39; 553
- (571.65) Magadan Province
see under the following numbers: 338; 551.2
- (571.651) Chukchi National District
see under the following numbers: 338.1; 551.4, 551.43, 552; 947
- (571.66) Kamchatka Province
see under the following numbers: 550.8, 551.40, 553; 581.5
- (571.661) Koryak National District
see under the following number: 551.8
- (574) Kazakh S. S. R.
see under the following numbers: 061; 07; 30, 331.87; 333, 336.47; 339; 338.1, 338.5, 339.96; 343; 37; 378, 378.24; 385, 398, 339, 546.1; 550.8; 551, 551.2, 551.3; 551.49, 551.7, 553; 553.0; 56; 581.9, 582, 595, 598.2; 599; 608, 621; 621.005; 621.313; 621.791; 629.2; 622.3, 622.6, 622.7; 628; 63, 631.1, 631.3, 631.4, 631.5, 631.6, 631.8, 632.0, 633; 638.2, 634.0, 634.1, 637, 656.1, 656.2, 657, 658.1, 658.2, 658.3, 658.5, 658.7, 658.8, 66.09; 662.7, 664.7; 669.2, 669.5, 67/68, 684; 69, 69.05, 711.3; 725.4, 930.26; 947
- (575) Central Asia
see under the following numbers: 329.01; 370.17; 550.8, 551.7; 552; 553; 551.5, 551.9; 582.2, 631.9, 737; 931; 947
- (575.1) Uzbek S. S. R.
see under the following numbers: 02; 215; 329.01, 329.04; 331.8; 338.1, 361.0, 352; 367; 370.17; 373; 396; 550.34; 550.8, 551.2; 551.49; 553; 553.9; 616.07; 622.2; 625.2; 629.113; 631.1, 631.6; 631.8; 633; 658.5, 664.7; 69; 7.01; 739; 930.26; 947
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- (597) Vietnam
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- (597.3) South Vietnam
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Monthly Index *of* Russian Accessions



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INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of four parts. Part A lists monographic literature, but no accessions published earlier than 1960 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1960. Tables of contents in English translation are provided for most periodicals listed.

Part C provides subject analysis of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. Biul. eksp. biol. i med. 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

Beginning Volume 21 No. 1 (April 1968) the subject headings previously used in Part C are replaced by classes based on the Universal Decimal Classification. Beginning Volume 22 No. 2 (February 1969) the Universal Decimal Classification classes also replace the subject classes formerly used in Part A. A guide to the classes used and an alphabetical index to the names of these classes is to be found before Part A of each *Monthly Index* issue.

Part D lists monographic works recently cataloged by the Library of Congress in English or in the major Western European languages (French, German, Italian, Spanish) on Russia or the Soviet Union, or by Russian or Soviet authors. Each listed monograph is followed by the Library of Congress call number and by the printed L. C. card number.

In Parts B and D the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

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(439) Hungary
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a. COMMERCE

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8. EDUCATION

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10. FINE ARTS

a. GENERAL

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11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

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Hol'din, T. L. - On the 75th anniversary of the birth of V. V. Malakovskii. p. 94.
V. K. - At Chernoviy University. p. 95.

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12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

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Pavlin, I. I. [Forests of central Transbaikalia. Regional-typological characteristics, silvicultural properties, micro- and phytoclimatic, reforestation processes. Materials of the 2d Transbaikalian Scientific-Industrial Conference on Forestry].
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c. Geology & Paleontology

GEOLOGIYA I GEOFIZIKA [GEOLOGY AND GEOPHYSICS]. Issued by Sibskoe otdelnoye Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 4(100), Apr 1968

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Issued by TsK Profsojuz rabochikh lesnoi, bumazhnoi i derevobrabatyvashchikh promyshlennosti [Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries]. Moscow, vol. 12, no. 11, Nov. 1968.

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16. TECHNOLOGY

a. GENERAL

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- Lebedev, G. G., L'vov, B. V. - Chamber for the atomization of specimens in a graphite cuvette in atomic absorption spectrum analysis. p. 1139.
- Olesin, I. V., Belov, I. U. P. - Multisat machine for the testing of screw wires for cyclic loads. p. 1140.
- Orlov, I. F. - Equipment for the study of wear resistance in an abrasive fluid medium. p. 1141.
- Bluk, Sh. M., Donskikh, V. I. - Equipment for the testing of sliding bearings. p. 1142.
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- Burnos, V. A., and others. - Specimen for tensile testing of the material of high-strength pipes and tubular articles. p. 1144.
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- Goncharov, V. P., Lashko, A. S., Poltavtsov, I. U. G. - High-temperature furnace for X-ray diffraction study of melts. p. 1146.
- Orlova, L. M., Kiseleva, P. S., Komarova, V. I. A. - Use of diamond elastic discs for making micro-sections from heat-resistant materials. p. 1147.
- Mikhlin, S. A. - Attachment to MIM-7 microscopes for studying transparent objects in transmitted light. p. 1148.
- Shimanski, V. M. - Apparatus for sampling the products of reactions occurring in a vacuum. p. 1148.
- Stigis, A. I. A. - Thermostat with a semiconductor thermometers for calorimetric studies. p. 1149.
- Piguzov, I. U. V., Akunchikov, V. I. - Cryostat with controlled cooling temperature. p. 1150.
- Kozachonko, N. S., Petrovskiyevskaya, M. M. - Dustiness accounting indices for central factory laboratories. p. 1153.
- Kudriavtsov, P. I. - Equipment for factory and research laboratories at the British Exhibition of Scientific and Industrial Appliances. p. 1160.
- Aleksandr Abramovich Zhukhovitskii; on his 60th birthday. p. 1164.

17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

- BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 27, nos. 21-22, Nov. 1968.
- KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 49, no. 10, May 1968.
- Table of contents translated.
- Editorial: The party's high principles. p. 3.
- Vital objectives of military commissariats. p. 6.
- Obtomskaya, I. - Some results and problems of the economic reform. p. 15.
- Byelkov, T. - Party education should be the party's concern. p. 23.
- Bogdanov, B. - Contemporary social reformism and the Communist Party's struggle for unity of the working class. p. 20.
- Khalurin, F. - Members of the Komsomol on roll call. p. 38.
- Mel'nichev, V. - Persuasion, example and strict requirements. p. 41.
- Reznik, A. - Military life and communist training of personnel. p. 47.
- Sazonov, V. - Socialist competition among commissioned officers. p. 52.
- Iarygin, M. - Heartiness. p. 54.
- Military and patriotic training of youth. p. 56.
- Vikorenko, V. - In the performance of communist duty. p. 60.
- Kovalev, V. - Developing the combat activeness of servicemen. p. 63.
- Lisakov, M. - The Armed Forces of the U.S.S.R. during the peaceful building of socialism; 1921-1941. p. 68.
- Babonko, I. - Railway engineer troops and their role in reinforcing our country's defense. p. 74.
- Men'shov, M. - Moral right to teach. p. 80.
- Semin, V. - First socialist constitution in German history. p. 83.
- Kutichkov, F. - A satirical wall newspaper. p. 86.
- A word to servicemen. p. 92.
- In military districts and fleets. p. 93.

NASHI VESTI [OUR NEWS]. Published by Sotuz chinov Russkogo korpusa [The Association of Members of the Russian Corps]. New York, vol. 26, no. 271, Jan. 1969.

STARSHINA-SERZHANT [NONCOMMISSIONED OFFICERS]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, no. 11(98), Nov. 1968.

VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 48, no. 12, Dec. 1968.

b. NAVAL SCIENCE

- LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKII INSTITUT MORSKOGO FLOTA. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE. Transactions]. Vol. 14, no. 93, 1968. Future sailing ship types.
- Table of contents translated.
- Laple, V. B., Kondrikov, D. V., Nikol'skii, B. I. - Selecting the efficient trim of a ship under ballast. p. 3.

Miroshnichenko, I. P. - Basic problems in improving the architectural and structural type of dry cargo ships for the 1971-1975 replenishment p 33
 Ikonavukii, S. V., Smirnov, A. N. - Effect of geometric and kinematic propeller parameters on the magnitude of external forces on an icebreaker

propeller during its impact on ice p. 38
 Moreinis, F. A. - Making use of the equation of bending moments for positioning in length purely ballast tanks p. 56.
 Simonov, I. U. A. - Selecting the basic elements and characteristics of skeg-type seagoing ships on

air cushions p 65
 Logvinov, E. G. - Indices of perfection of carrier ships. p 80
 Pavlov, I. I. - Method of determining strains in twin ship booms and their rigging p. 94
 Osmolovskii, A. K., Borisov, R. V. - Shallow-draft cargo vessel with variable draft and width p 165

PART C

List of Periodicals Indexed and Abbreviations Used

Agrokhiimiia (15a)	Agrokhiimiia [Agrochemistry]	Ekonomika i matematicheskie metody [Economics and Mathematical Methods]	Ekonomika i zhizn' [Economics and Life]
Akush. i gin. (14b)	Akusherstvo i ginekologiya [Obstetrics and Gynecology]	Ekonomika i zhizn' (5b)	Ekonomika i zhizn' [Economics and Life]
Ann. k rab. Azher NIRO (15b)	Kerch, Azovo-chernomorskii nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografi. - Annotatsii k rabotam [Azov-Black Sea Research Institute for Sea Fish Industry and Oceanography. Annotations to its works]	Ekonom. Rad. Ukr. (5b)	Ekonomika Radians'koi Ukrainy [Economics of the Soviet Ukraine]
Ark. anat., gist i embr. (13c)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]	Ekonom. stroit. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Arkhit. SSSR (10b)	Arkhitectura SSSR [Architecture of the U.S.S.R.]	Elek. i tepl. tsiaga (16g)	Elektricheskaya i teplovoznaya tsiaga [Electric and Diesel Locomotive Traction]
Astrofizika (13b)	Astronfizika [Astrophysics]	Elek. sta. (16e)	Elektricheskie stantsii [Electric Power Stations]
Atom. tekhn. za rub. (16e)	Atomnaya tekhnika za rubezhom [Nuclear Engineering Abroad]	Energ. stroit. (16e)	Energeticheskoe stroitel'stvo [Power Construction]
Avtom. i telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]	Energ. stroit. za rub. (16e)	Energeticheskoe stroitel'stvo za rubezhom; prilozhenie k aborniku "Energeticheskoe stroitel'stvo" [Power Construction in Foreign Countries; Supplement to the Periodical "Power Construction"]
Avtom. svar. (16f)	Akademii nauk URSS, Kiev, Institut elektrosvarivaniya, Avtomaticheskaya svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding, Automatic Welding]	Energetik (16e)	Energetik [Electric Power Technician]
Azerb. khim. zhur. (13d)	Azerbaidzhanskii khimicheskii zhurnal [Azerbaijani Chemical Journal]	Energokhoz. za rub. (16e)	Energokhoziaistvo za rubezhom; prilozhenie k zhurnalu "Elektricheskie stantsii" [Electric Power Production and Utilization in Foreign Countries; Supplement to the Periodical "Electric Power Stations"]
Azerb. med. zhur. (14a)	Azerbaidzhanskii meditsinskii zhurnal [Azerbaijani Medical Journal]	Energomashino-stroenie (16g)	Energomashino-stroenie [Power Machinery Construction]
BIKI [Prilozh.] (5a)	Biulleten' inostranoi kommercheskoj informatsii; prilozhenie [Bulletin of Foreign Commercial Information; Supplement]	Ent. oboz. (13c)	Entomologicheskoe obozrenie [Entomological Review]
Bezop. truda v prom. (16a)	Bezopasnost' truda v promyshlennosti [Industrial Safety]	Fin. SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]	Fiz. i khim. obr. mat. (16c)	Fizika i khimiya obrabotki materialov [Physics and Chemistry of Materials Processing]
Biul. eksp. biol. i med. (14a)	Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]	Fiz. i tekhn. poluprov. (13f)	Fizika i tekhnika poluprovodnikov [Technical Physics of Semiconductors]
Biul. Glav. bot. sada (13c)	Moscow, Glavnyi botanicheskii sad, Biulleten' [Main Botanical Garden, Bulletin]	Fiz. met. i metalloved. (18h)	Fizika metallov i metallovedenie [The Physics of Metals and Metallurgy]
Biul. Inst. teor. astron. (13b)	Akademii nauk SSSR, Institut teoreticheskoi astronomii, Biulleten' [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy, Bulletin]	Fiz. i tekhn. probl. razrab. pol. iakop. (16h)	Fiziko-tekhnicheskie problemy razrabotki poloznykh iskopaemykh [Physical and Technological Problems of the Mining of Minerals]
Biul. mezhdunar. nauch. s'ezd., konf. i kongr. (1a)	Biulleten' mezhdunarodnykh nauchnykh s'ezdov, konferentsii i kongressov [Bulletin of International Scientific Meetings, Conferences, and Congresses]	Fiz. i tekhn. tel. i dnu Chern. i Azov. mor. v pred. USSR (12e)	Fizika i tekhnika tel. i dnu Chernogo i Azovskogo morei v predelakh USSR [Physics and Technology of the Coast and Bottom of the Black and Azov Seas Within the Territory of the Ukrainian S.S.R.]
Biul. sta. opt. nabl. isk. sput. Zem. (13b)	Akademii nauk SSSR, Astronomicheskii soviet, Biulleten' stantsii opticheskogo nabludeniya iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Astronomical Council, Bulletin of the Stations for Optical Observation of Artificial Earth Satellites]	Gidr. stroit. (13f)	Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]
Biul. Verkh. Suda (6)	Russia (1923- U.S.S.R.) Verkhovnyi Sud, Biulleten' [Supreme Court, Bulletin]	Gidrokhim. mat. (13d)	Gidrokhimicheskie materialy [Materials on Hydrochemistry]
Biul. Verkh. Suda RSFSR (6)	Russia (1917- R.S.F.S.R.) Verkhovnyi Sud, Biulleten' [Supreme Court, Bulletin]	Gig. i san. (14g)	Gigiena i sanitariya [Hygiene and Sanitation]
Bot. zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]	Gliats. issl. v Kazakh. (12c)	Gliatsiologicheskie issledovaniya v Kazakhstano [Glacial Research in Kazakhstan]
Den. i kred. (5c)	Den'gi i kredit [Money and Credit]	Gor. khoz. Mosk. (16d)	Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow]
Dokl. AN Azerb. SSR (13a)	Akademii nauk Azerbaidzhanskoi SSR, Baku, Doklady [Academy of Sciences of the Azerbaijan S.S.R. Reports]	Grud. khir. (14h)	Grudnaya khirurgiya [Thoracic Surgery]
Dokl. AN BSSR (13a)	Akademii nauk BSSR, Minsk, Doklady [Academy of Sciences of the White Russian S.S.R. Reports]	IAD. fiz. (13f)	IAdernaya fizika [Journal of Nuclear Physics]
Dokl. AN SSSR (13a)	Akademii nauk SSSR, Doklady [Academy of Sciences of the U.S.S.R. Reports]	Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1 (2a)	Moscow, Publichnaya biblioteka, Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina, Seriya 1: Fiziko-matematicheskie i khimicheskie nauki; nauki o zemle; tekhnika i tekhnicheskie nauki [Public Library, Information Bulletin of New Foreign Books, Received by the Lenin Library, Series 1: Physical, Mathematical, and Chemical Sciences; Earth Sciences, Technology and Technological Sciences]
Dokl. AN Tadzh. SSR (1a)	Akademii nauk Tadzhikskoi SSR, Dushanbe, Doklady [Academy of Sciences of the Tajik S.S.R. Reports]	Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3 (2a)	Moscow, Publichnaya biblioteka, Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina, Seriya 3: Obshchestvennyye nauki, khimicheskaya literatura, iskusstvo [Public Library, Information Bulletin of New Foreign Books Received by the Lenin Library, Series 3: Social Sciences, Belles-Lettres, Art]
Dokl. Kom. aersom. i fotogram. (12b)	Geograficheskoe obshchestvo SSSR, Komissiya aersom. i fotogrammetrii, Doklady [Geographical Society of the U.S.S.R. Commission on Aerial Photography and Photogrammetry, Reports]		
Dokl. po etn. Ot. etn. Geog. ob-va SSSR (12a)	Geograficheskoe obshchestvo SSSR, Otdelenie etnografi. Doklady [Geographical Society of the U.S.S.R. Department of Ethnography, Reports]		
Dop. AN URSS, Ser. A (13a)	Akademii nauk URSS, Kiev, Dopovidy. Seriya A: Fiziko-tekhnicheskie i matematicheskie nauki [Academy of Sciences of the Ukrainian S.S.R. Reports, Series A: Physical, Technological, and Mathematical Sciences]		
Dop. AN URSS, Ser. B (13a)	Akademii nauk URSS, Kiev, Dopovidy. Seriya B: Geologiya, geofizika, khimiya i biologiya [Academy of Sciences of the Ukrainian S.S.R. Reports, Series B: Geology, Geophysics, Chemistry, and Biology]		

- Inform. biul. Sov. antark. eksp. (1a)
Inform. biul. VDNKH (10a)
Inform ukaz. bibl. sps i kart. (2a)
Inform ukaz. stand. (10a)
Issl. prim. tsift. i anal. vych. mash. v iad. fiz. i tekhn. (10e)
Ist. dykhr. ta ikh vyv. (4a)
Ist.-filol. zhur. (4a)
Izobr. prom. obiaz. i tov. znaki. (16a)
Izv. AN Arm. SSR. Khim. nauki (13d)
Izv. AN Azerb. SSR Ser. ist., filos. i prava (1a)
Izv. AN Azerb. SSR. Ser. lit. iaz. i isk. (1a)
Izv. AN Kazakh. SSR. Ser. khim. (13d)
Izv. AN SSSR. Fiz. zem. (13f)
Izv. AN SSSR. Mekh. zhid. i gaza (13f)
Izv. AN SSSR. Ser. biol. (13c)
Izv. AN SSSR. Ser. fiz. (13f)
Izv. AN SSSR. Ser. khim. (13d)
Izv. AN Turk. SSR. Ser. biol. nauk (13a)
Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk (13a)
Izv. SO AN SSSR. Ser. khim. nauk (13d)
Izv. TINRO (15b)
Sovetskaya antarkiticheskaya ekspeditsiya, 1955-1958. Informatsionnyy biulleten' [Soviet Antarctic Expedition, 1955-1958. Information Bulletin]
Moscow. Vystavka dostizheniy narodnogo khozaystva SSSR. Informatsionnyy biulleten' [Exhibition of Achievements of the National Economy of the U.S.S.R. Information Bulletin]
Informatsionnyy ukazatel' bibliograficheskikh spisokov i kartotek, sostavlyennykh bibliotekami Sovetskogo Soyuza [Information Index of Bibliographical Lists and Card Files. Compiled by the Libraries of the Soviet Union]
Informatsionnyy ukazatel' standartov [Information Index of Standards]
Issledovanie primeneniya tsifrovyykh i analogovykh vychislitel'nykh mashin v yadernoy fizike i tekhnike [Studies of the Use of Digital and Analog Computers in Nuclear Physics and Technology]
Istoriya i ispol'zovanie ikh vykorystaniya [History and Sources and their use]
Akademiya nauk Armianskoi SSR, Erivan. Istoriiko-filologicheskii zhurnal [Academy of Sciences of the Armenian S.S.R. Historical and Philological Review]
Izobreteniya, promyshlennyye obrazy, tovarnye znaki [Inventions, Industrial Samples, Trademarks]
Akademiya nauk Armianskoi SSR, Erivan. Izvestiya. Khimicheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Chemical Sciences]
Akademiya nauk Azerbaidzhan'skoi SSR, Baku. Izvestiya. Seriya istorii, filosofii i prava [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in History, Philosophy, and Law]
Akademiya nauk Azerbaidzhan'skoi SSR, Baku. Izvestiya. Seriya literatury, iazyka i iskusstva [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in Literature, Language, and Art]
Akademiya nauk Kazakh'skoi SSR, Alma-Ata. Izvestiya. Seriya khimicheskikh nauk [Academy of Sciences of the Kazakh S.S.R. Bulletin. Chemical Sciences]
Akademiya nauk SSSR. Izvestiya. Fizika zemli [Academy of Sciences of the U.S.S.R. Bulletin. Physics of the Earth]
Akademiya nauk SSSR. Izvestiya. Mekhanika zhid. i gazov [Academy of Sciences of the U.S.S.R. Bulletin. Mechanics of Liquids and Gases]
Akademiya nauk SSSR. Izvestiya. Seriya biologicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Biological Series]
Akademiya nauk SSSR. Izvestiya. Seriya fizicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]
Akademiya nauk SSSR. Izvestiya. Seriya khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Chemical Series]
Akademiya nauk Turkmen'skoi SSR, Ashkhabad. Izvestiya. Seriya biologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Biological Sciences]
Akademiya nauk Turkmen'skoi SSR, Ashkhabad. Izvestiya. Seriya fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Physical and Technological, Chemical, and Geological Sciences]
Akademiya nauk SSSR. Sibirskoe otdeleniye. Izvestiya. Seriya khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Siberian Department. Bulletin. Series in the Chemical Sciences]
Vladivostok. Tikhookeanskii nauchno-issledovatel'skii institut rybnogo khozaystva i okeanografiya. Izvestiya [Research Institute of Fisheries and Oceanography. Bulletin]
Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshih uchebnykh zavedeniy, priborostroeniye [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Instrument Manufacture]
Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshih uchebnykh zavedeniy, priborostroeniye [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Instrument Manufacture]
Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshih uchebnykh zavedeniy, radioelektronika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Electronics]
Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshih uchebnykh zavedeniy, stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Engineering]
Geograficheskoe obshchestvo SSSR, Zabaikalskii filial. Izvestiya [Geographical Society of the U.S.S.R. Transbaikalian Branch. Bulletin]
Kardiologiya [Cardiology]
Mirovoi tsentr dannykh BI. Katalog dannykh po dolgotam i shirotam [World Data Center BI. Catalog of Data on Longitude and Latitude]
Mirovoi tsentr dannykh BI. Katalog dannykh po meteorologii i yadernoi radiatsii [World Data Center BI. Catalog of Meteorology and Nuclear Radiation Data]
Mirovoi tsentr dannykh BI. Katalog dannykh po okeanografii [World Data Center BI. Catalog of Oceanographic Data]
Mirovoi tsentr dannykh BI. Katalog dannykh po raketam i sputnikam [World Data Center BI. Catalog of Data on Rockets and Satellites]
Khimiko-farmatsevticheskii zhurnal [Chemical and Pharmaceutical Journal]
Khimicheskaya promyshlennost' [Chemical Industries]
Khimiya v sel'skom khozaystve [Chemistry in Agriculture]
Khimiya vysokikh energii [High-Energy Chemistry]
Khirurgiya [Surgery]
Klinicheskaya khirurgiya [Clinical Surgery]
Knizhnaia letopis' [Book Chronicle]
Kolloidnyi zhurnal [Colloid Journal]
Kommunist Vooruzh. Sil [Communist of the Armed Forces]
Korroziya i zashech. v nefteob. prom. (16h)
Kristallografiya [Crystallography]
Les. khoz. (15c)
Let. druku BSSR (2a)
Let. zhur. st (2a)
Lit. gaz. st. (2a)
Lit. po ped. nauk. i nar. obr. (8a)
Lit. proizv. (16h)
Lit. rets. (2a)
Lit. zhur. st. (2a)
Mag. gidr. (13f)
Magn. lev. (13f)
Mash. i nef. obor. (16h)
Mashinostroitel'stvo (16g)
Mat. i pozn. fauny i flory SSSR. Old. zool. (13c)
Mat. rybokhoz. issl. Sev. bas. (15b)
Med. ref. zhur. (14a)
Mekh. stroi. (16d)
Met. i gornorud. prom. (16h)
Met. i koksokhim. (16h)
Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshih uchebnykh zavedeniy, radioelektronika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Electronics]
Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshih uchebnykh zavedeniy, stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Engineering]
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Let. zhur. st (2a)
Lit. gaz. st. (2a)
Lit. po ped. nauk. i nar. obr. (8a)
Lit. proizv. (16h)
Lit. rets. (2a)
Lit. zhur. st. (2a)
Mag. gidr. (13f)
Magn. lev. (13f)
Mash. i nef. obor. (16h)
Mashinostroitel'stvo (16g)
Mat. i pozn. fauny i flory SSSR. Old. zool. (13c)
Mat. rybokhoz. issl. Sev. bas. (15b)
Med. ref. zhur. (14a)
Mekh. stroi. (16d)
Met. i gornorud. prom. (16h)
Met. i koksokhim. (16h)
Materialy k poznaniyu fauny i flory SSSR. Old. zoologicheskii [Contributions to the Knowledge of the Fauna and Flora of the U.S.S.R. Zoological Section]
Materialy rybkhoziaistvennykh issledovaniy Severnogo basseina [Materials of Fisheries Research in the Northern Basin]
Meditsinskii referativnyi zhurnal [Medical Abstracts]
Mekhanizatsiya stroitel'stva [Mechanization of Construction]
Metallurgicheskaya i gornorudnaya promyshlennost' [Metallurgical, Mining, and Ore Dressing Industries]
Metallurgiya i koksokhimiya [Metallurgy and the Chemistry of Coking]

Metallurg (16h)	Metallurg [Metallurgist]	Prom. Bel. (16a)	Promyshlennost' Belorussii [Industry of White Russia]
Meteor. i gldrol. (13f)	Meteorologiya i gidrologiya [Meteorology and Hydrology]	Put' i putev. khoz. (18d)	Put' i putev. khoz. i stvo [Railroad Tracks and Roadway Maintenance]
Mezhdunar. zhizn' (8)	Mezhdunarodnaya zhizn' [International Life]	Rad. lit. (11b)	Radlans'ka literatura i zhurnal [Soviet Literary Review]
Mikrobiologiya (13c)	Mikrobiologiya [Microbiology]	Rad. shk. (8a)	Radlans'ka shkola [Soviet School]
Mod. v biol. i med. (13c)	Modellirovanie v biologii i meditsine [Modeling in Biology and Medicine]	Ref. zhur. : Av. i raket. dvig. (16b)	Referativnyi zhurnal: Aviatsonnyye i raketnyye dvigateli (Otdel'nyi vypusk 34) [Journal of Abstracts: Aircraft and Rocket Engines (Separate Issue 34)]
Mol. biol. (13c)	Molekulyarnaya biologiya [Molecular Biology]	Ref. zhur. : Avt. dor. (16d)	Referativnyi zhurnal: Avtomobil'nye dorogi [Journal of Abstracts: Highways]
Mol. komm. (8)	Molodoi kommunist [The Young Communist]	Ref. sbor. (5b)	Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]
Mont. i spets. rab. v stroit. (18d)	Montazhnye i spetsial'nye raboty v stroitel'stve [Assembly and Specialized Operations in Construction]	Ref. zhur. : Elek. i ee prim. (16c)	Referativnyi zhurnal: Elektronika i ee primenenie [Journal of Abstracts: Electronics and its application]
Mystetstvo (10a)	Mystetstvo [Art]	Ref. zhur. : Farm. Khimioterap. sred. Toks. (14f)	Referativnyi zhurnal: Farmakologiya. Khimioterapevticheskie sredstva. Toksikologiya (Otdel'nyi vypusk 54) [Journal of Abstracts: Pharmacology. Chemotherapeutics. Toxicology (Separate Issue 54)]
Nar. Az. i Afr. (4a)	Narody Azii i Afriki, istoriya, ekonomika, kul'tura [Peoples of Asia and Africa; History, Economics, Culture]	Ref. zhur. : Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]
Nar. obr. (8a)	Narodnoe obrazovanie [Public Education]	Ref. zhur. : Geod. (13b)	Referativnyi zhurnal: Geodeziya (Otdel'nyi vypusk 52) [Journal of Abstracts: Geodesy (Separate Issue 52)]
Nar. tvorch. ta etn. (12a)	Narodnaya tvorchest' ta etnografiya [Folk Art and Ethnography]	Ref. zhur. : Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]
Nauch. dokl. vys. shkoly; ekon. nauki (5b)	Russiya (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Nauchnye doklady vysshei shkoly; ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education, Research Papers of Higher Schools; Economics]	Ref. zhur. : Geog. (12b)	Referativnyi zhurnal: Geografiya [Journal of Abstracts: Geography]
Nauch. rab. inst. okhr. trud. VTSSPS (5d)	Nauchnye raboty institutov okhrany truda VTSSPS [Research Papers of the Institutes for the Protection of Labor of the All-Union Central Council of Trade Unions]	Ref. zhur. : Geol. (12c)	Referativnyi zhurnal: Geologiya [Journal of Abstracts: Geology]
Nauch. trudy GIREMET (16h)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii i projektnyi institut redkometallicheskoj promyshlennosti. Nauchnye trudy [State Research and Planning Institute for the Rare Metals Industry, Studies]	Ref. zhur. : Gor. mash. (16h)	Referativnyi zhurnal: Gornye mashiny (Otdel'nyi vypusk 43) [Journal of Abstracts: Mining Machinery (Separate Issue 43)]
Nauch. trudy TashGU (1a)	Tashkent. Universitet. Nauchnye trudy [University. Studies]	Ref. zhur. : IAd. reak. (16a)	Referativnyi zhurnal: IAdernye reaktory (Otdel'nyi vypusk 50) [Journal of Abstracts: Nuclear Reactors (Separate Issue 50)]
Neftgaz. geol. i geofiz. (18h)	Neftgazovaya geologiya i geofizika [Petroleum and Gas Geology and Geophysics]	Ref. zhur. : Khim. i khol. mashinost. (16c)	Referativnyi zhurnal: Khimicheskoe i kholodil'noe mashinostroyeniye (Otdel'nyi vypusk 47) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 47)]
Neftprom. delo (16h)	Neftpromyslovoye delo [Petroleum Production]	Ref. zhur. : Kommun., byt. i torg. obr. (16g)	Referativnyi zhurnal: Kommunal'noe, bytovoe i torgovoe oborudovanie (Otdel'nyi vypusk 33) [Journal of Abstracts: Communal, Household, and Commercial Equipment (Separate Issue 33)]
Neftnik (16h)	Neftnik [The Petroleum Worker]	Ref. zhur. : Mat. (13e)	Referativnyi zhurnal: Matematika [Journal of Abstracts: Mathematics]
Nov. i noveish. ist. (4a)	Novaya i noveishaya istoriya [Modern and Recent History]	Ref. zhur. : Mekh. (13f)	Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]
Nov. inostr. knigi; kat. nov. postup. (2b)	Akademii nauk SSSR. Biblioteka. Novye inostrannyye knigi; katalog novykh postuplenii [Academy of Sciences of the U. S. S. R. Library. New Foreign Books; Catalog of New Accessions]	Ref. zhur. : Metr. i izm. tekhn. (16a)	Referativnyi zhurnal: Metrologiya i izmeritel'naya tekhnika (Otdel'nyi vypusk 32) [Journal of Abstracts: Mensuration and Measurement Techniques (Separate Issue 32)]
Nov. knigi SSSR (2a)	Novyye knigi SSSR [New Books of the U. S. S. R.]	Ref. zhur. : Nasosn. i kompres. sorostr. (16g)	Referativnyi zhurnal: Nasosostroyeniye i kompressorostroyeniye (Otdel'nyi vypusk 61) [Journal of Abstracts: Manufacture of Pumps and Compressors (Separate Issue 61)]
Nov. knigi za rub. Ser. A (13a)	Novyye knigi za rubezhom. Seriya A: Matematika, mekhanika, astronomiya, geofizika, fizika, khimiya, geologiya, fizicheskaya geografiya [New Foreign books: Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography]	Ref. zhur. : Nauch. i tekhn. inform. (18a)	Referativnyi zhurnal: Nauchnaya i tekhnicheskaya informatsiya (Otdel'nyi vypusk 59) [Journal of Abstracts: Scientific and Technical Information (Separate Issue 59)]
Nov. knyhy URSS (2a)	Novyye knyhy URSS [New Books of the Ukrainian S. S. R.]	Ref. zhur. : Ob. vop. pat. Onk. (14e)	Referativnyi zhurnal: Obshcheye voprosy patologii. Onkologiya (Otdel'nyi vypusk 53) [Journal of Abstracts: General Problems of Pathology. Oncology (Separate Issue 53)]
Nov. med. prib. (14a)	Novosti meditsinskogo priborostroyeniya [New Medical Equipment]	Ref. zhur. : Obor. pishch. prom. (16g)	Referativnyi zhurnal: Oborudovanie pishchev. promyshlennosti (Otdel'nyi vypusk 38) [Journal of Abstracts: Equipment of the Food Industry (Separate Issue 38)]
Nov. mir (11b)	Novyy mir [The New World]	Ref. zhur. : Prom. transp. (16g)	Referativnyi zhurnal: Promyshlennyy transport [Journal of Abstracts: Industrial Transportation]
Nov. tov. (5a)	Novyye tovary; informatsionnyy biulleten' [New Consumer Goods; Information Bulletin]	Ref. zhur. : Radiotekh. (16a)	Referativnyi zhurnal: Radiotekhnika [Journal of Abstracts: Radio Engineering]
Nov. vrem. (6)	Novoye vremya [New Times]	Ref. zhur. : Raketostr. (16h)	Referativnyi zhurnal: Raketoostroyeniye (Otdel'nyi vypusk 41) [Journal of Abstracts: Rocket Building (Separate Issue 41)]
Obshch. vop. - evol. paleo-biol. (12c)	Obshcheye voprosy evolyutsionnoi paleobiologii [General Problems in Evolutionary Paleobiology]	Ref. zhur. : Rast. (16d)	Referativnyi zhurnal: Rastenievodstvo (Otdel'nyi vypusk 55) [Journal of Abstracts: Plant Culture (Separate Issue 55)]
Okhr. prir. na Urals (13a)	Okhrana prirody na Urals [Conservation in the Ural Mountain Region]	Ref. zhur. : Stroitel. (16g)	Referativnyi zhurnal: Stroitel'nye i dorozhnye mashiny (Otdel'nyi vypusk 60) [Journal of Abstracts: Construction Equipment and Road Machinery (Separate Issue 60)]
Okhr. truda i soits. strakh. (5d)	Okhrana truda i soitsial'n. noye strakhovanie [Protection of Labor and Social Insurance]	Ref. zhur. : Tekh. i obor. i sel. - bum. i poligr. proizv. (16g)	Referativnyi zhurnal: Tekhnologiya i oborudovanie tsellulozno-bumazhnogo i poligraficheskogo proizvodstva (Otdel'nyi vypusk 37) [Journal of Abstracts: Technology and Equipment of the Woodpulp, Paper, and Printing Industry (Separate Issue 37)]
Part. zhizn' (8)	Partiynaya zhizn' [Party Life]	Ref. zhur. : Tekh. mashinost. (16g)	Referativnyi zhurnal: Tekhnologiya mashinostroyeniya [Journal of Abstracts: Technology of Machinery Manufacture]
Ortop., travm. i protez. (14h)	Ortopediya, travmatologiya i protezirovaniye [Orthopedics, Traumatology, and Prosthesis]	Ref. zhur. : Teploenerg. (16g)	Referativnyi zhurnal: Teploenergetika [Journal of Abstracts: Heat Engineering]
Organ. i upr. nefteob. prom. (5b)	Organizatsiya i upravleniye nefteobrabatovushchey promyshlennosti [Organization and Management of Petroleum Production]		
Peshch. Gruz. (12c)	Peshchery Gruzii [Caves of Georgia]		
Plan. khoz. (5b)	Planovoye khoz. i stvo [Planned Economy]		
Plast. massy (16c)	Plasticheskiye massy [Plastics]		
Podg. i koks. ugl. (16h)	Podgotovka i koksovaniye uglia [Preparation and Coking of Coals]		
Prib. i sist. avtom. (16e)	Pribory i sistemy avtomatiki [Apparatus and Systems of Automatic Control]		
Probl. gemat. i perel. krovi (14e)	Problemy gematologii i perelivaniya krovi [Problems of Hematology and Blood Transfusion]		
Probl. tub. (14a)	Problemy tuberkuleza [Problems of Tuberculosis]		
Prom. Arm. (16a)	Promyshlennost' Armenii [Industry of Armenia]		

Ref. zhur. Trakt. i sel'khoz mash. i orud. (10g)	Referativnyi zhurnal: Traktory i sel'skokhoziaistvennye mashiny i orudiya (Otdel'nyi vypusk 44) [Journal of Abstracts, Tractors and Agricultural Machinery and Equipment (Special Issue 44)]	Stroi, truboprov. (16d)	Stroitel'stvo truboprovodov [Pipeline Construction]
Ref. zhur.: Trub. transp. (16g)	Referativnyi zhurnal: Truboprovodnyi transport (Otdel'nyi vypusk 45) [Journal of Abstracts: Pipeline Transportation (Separate Issue 45)]	Stud. uch. zap. Erev. un. (1a)	Eriyan, Universitet, Studencheskie uchenye zapiski [University, Student studies]
Ref. zhur.: Vozd. transp. (16b)	Referativnyi zhurnal: Vozdushnyi transport [Journal of Abstracts: Air Transportation]	Teor. veroiat. i ee prim. (13e)	Teoriya veroiatnostei i ee primeneniya [Theory of Probability and Its Applications]
Ref. zhur.: Zhiv. Vet. (15b)	Referativnyi zhurnal: Zhivotnovodstvo, Veterinaristika (Otdel'nyi vypusk 58) [Journal of Abstracts: Animal Husbandry, Veterinary Medicine (Separate Issue 58)]	Teplofiz. vys. temp. (13f)	Teplofizika vysokikh temperatur [Thermophysics of High Temperatures]
Ryb. khoz. (15b)	Rybnoe khoziaistvo [Fisheries]	Torg. za rub. (5a)	Torgovlia za rubezhom [Trade Abroad]
Sbor. nauch. rab. Arkhang. gos. med. inst. (14e)	Arkhangelskiy gosudarstvennyi meditsinskii institut. Sbornik nauchnykh rabot [Archangel State Medical Institute, Collected papers]	Transp. stroit. (16d)	Transportnoe stroitel'stvo [Construction for the Transportation Industry]
Sbor. nauch. trud. Donpromstroiniproekt (16d)	Donetskii promstroiniproekt. Sbornik nauchnykh trudov [Donetsk Planning and Research Institute "Donetskii promstroiniproekt".]	Trudy AN Lit. SSR, Ser. B (1a)	Lietuvos TSR Mokslu akademija Vilna. Darbai. Seriya B. Trudy Akademii nauk Litovskoi SSR. Seriya B [Academy of Sciences of the Lithuanian S. S. R. Transactions. Series B]
Sbor. nauch. trud. Mekhanobr-chermet (16h)	Nauchno-issledovatel'skii i proektnyi institut po obogashcheniyu i aglomeratsii rud chernykh metallov "Mekhanobrchermet". Sbornik nauchnykh trudov [Research and Planning Institute for Iron Ore Dressing, Papers]	Trudy BKNII (1a)	Ulan-Ude. Buriatskii kompleksnyi nauchno-issledovatel'skii institut. Trudy [Buryat Scientific Research Institute, Transactions]
Sbor. nauch. trud. Novosib. NI san. inst. (14g)	Novosibirsk. Nauchno-issledovatel'skii sanitarnyi institut. Sbornik nauchnykh trudov [Sanitary Research Institute, Papers]	Trudy GIM (4a)	Moscow. Gosudarstvennyi istoricheskii muzei. Trudy [State Historical Museum, Transactions]
Sbor. post. Prez. i Sekr. VTSSPS (5d)	Vsesoiuznyi Tsentral'nyi Sovet Professional'nykh Soluzov. Sbornik postanovlenii Prezidiuma i Sekretariata [All-Union Central Council of Trade Unions, Decisions of the Presidium and the Secretariat]	Trudy GMTS (13f)	Russia (1923- U. S. S. R.). Gidrometeorologicheski nauchno-issledovatel'skii tsentr SSSR. Trudy [Hydrometeorological Scientific Research Center of the U. S. S. R. Transactions]
Sbor. rab. Gor'k. i Volzh. GMO (13f)	Gorkiy. Gidrometeorologicheskaya observatoriya. Sbornik rabot Gor'kovskoi i Volzhskoi GMO [Hydrometeorological Observatories, Collected Papers of the Gorkiy and Volga Hydrometeorological Observatories]	Trudy Gos. nauch. - iasl. inst. psikh. (14c)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut psikhologii. Trudy [State Scientific Research Institute of Psychology, Transactions]
Sbor. trud. Abkhaz. fil. Gos. nauch. - iasl. inst. kur. i fizioter. (14e)	Tiflisk. Gosudarstvennyi nauchno-issledovatel'skii institut kurortologii i fizioterapii. Abkhazskii filial. Sbornik trudov [State Scientific Research Institute of Health Resort and Physical Therapy, Abkhaz Branch, Papers]	Trudy IPG (13f)	Moscow. Institut prikladnoi geofiziki. Trudy [Institute of Applied Geophysics, Transactions]
Sbor. trud. IGMTK (16h)	Institut gornoi mekhaniki i tekhnicheskoi kibernetiki. Sbornik trudov [Institute of Mining Engineering and Applied Cybernetics, Papers]	Trudy Inst. bot. AN Gruz. SSR (13c)	Akademii nauk Gruzinskoi SSR, Tiflis. Institut botaniki. Trudy [Academy of Sciences of the Georgian S. S. R. Institute of Botany, Transactions]
Sbor. trud. NIIsoen (16d)	Moscow. Nauchno-issledovatel'skii institut osnovani i podzemnykh sooruzhenii. Sbornik trudov [Scientific Research Institute of Foundations and Underground Construction, Papers]	Trudy Inst. bot. AN Kazakh. SSR (13c)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Institut botaniki. Trudy [Academy of Sciences of the Kazakh S. S. R. Institute of Botany, Transactions]
Sel'. khoz. (15a)	Sel'skoe khoziaistvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture; Classified Index of Articles in Foreign Periodicals]	Trudy Inst. elektrokhim. UFAN SSSR (13d)	Akademii nauk SSSR. Ural'skii filial, Sverdlovsk. Institut elektrokhimii. Trudy [Academy of Sciences of the U. S. S. R. Ural Branch, Institute of Electrochemistry, Transactions]
Sel'khoz. lit. SSSR (15a)	Sel'skokhoziaistvennaya literatura SSSR [Agricultural Literature of the U. S. S. R.]	Trudy Inst. khim. AN Gruz. SSR (13d)	Akademii nauk Gruzinskoi SSR, Tiflis. Institut khimii. Trudy [Academy of Sciences of the Georgian S. S. R. Institute of Chemistry, Transactions]
Shakht. stroit. (16b)	Shakhtnoe stroitel'stvo [Mine Construction]	Trudy kaf. obshchestv. nauk Bar. gos. ped. inst. (1a)	Barnaul'skii gosudarstvennyi pedagogicheskii institut. Trudy kafed obshchestvennykh nauk [Barnaul State Pedagogical Institute, Transactions of the Departments of Social Sciences]
Shestimes. kat. dan. po seism. i grav. (12c)	Mirovii tsentr dannykh BI. Shestimeslachnyi katalog dannykh po seismologii i gravimetrii [World Data Center BI, Semiannual Catalog of Data on Seismology and Gravity]	Trudy Len. gidromet. inst. (13f)	Leningrad. Gidrometeorologicheskii institut. Trudy [Hydrometeorological Institute, Transactions]
Shkola i proizv. (8a)	Shkola i proizvodstvo [School and Industry]	Trudy MIIT (16g)	Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation, Transactions]
Soln. rad. i rad. bal. (13f)	Leningrad. Glavnaya geofizicheskaya observatoriya [Main Geophysical Observatory] Solar Radiation and Radiation Balance Data. Solnechnaya radiatsiya i radiatsionnyi balans.	Trudy MINKHIGP (16h)	Moscow. Institut neftokhimicheskoi i gazovoi promyshlennosti. Trudy [Institute of the Petrochemical and Gas Industry, Transactions]
Sots. obes. (5e)	Sotsial'noe obespechenie [Social Security]	Trudy MOIP (13c)	Moskovskoe obshchestvo isspytatelei prirody. Trudy [Moscow Naturalists' Society, Transactions]
Sots. trud (5d)	Sotsialisticheskiy trud [Socialist Labor]	Trudy NIIAK (13f)	Moscow. Nauchno-issledovatel'skii institut aeroklimatologii. Trudy [Scientific Research Institute of Aeroclimatology, Transactions]
Sov. muz. (9b)	Sovetskaya muzyka [Soviet Music]	Trudy NIIGMP (13f)	Leningrad. Nauchno-issledovatel'skii institut gidrometeorologicheskogo priborostroeniya. Trudy [Scientific Research Institute of Hydrometeorological Instrument Making, Transactions]
Sov. profsolyuzy (5d)	Sovetskie profsolyuzy [Soviet Trade Unions]	Trudy NPI (16a)	Novocherkassk. Politehnicheskii institut. Trudy [Polytechnic Institute, Transactions]
Sov. slav. (4a)	Sovetskoe slavjanovedenie [Soviet Slavic Studies]	Trudy 1-go MMI (14a)	Moscow. Pervyi meditsinskii institut. Trudy [First Medical Institute, Transactions]
Sov. torg. (5a)	Sovetskaya torgovlia [Soviet Commerce]	Trudy SNIIGIMS (12c)	Sibirskii nauchno-issledovatel'skii institut geologii, geofiziki i mineral'nogo syr'ya. Trudy [Siberian Scientific Research Institute of Geology, Geophysics, and Mineral Resources, Transactions]
Spis. sem., predi. v obm. Bot. sad AN Kazakh. SSR (15d)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Botanicheskii sad. Spisok semian, predlagayemykh v obmen [Academy of Sciences of the Kazakh S. S. R. Botanical Garden. List of Seeds Offered in Exchange]	Trudy Sekt. fiziol. AN Azerb. SSR (13c)	Akademii nauk Azerbaidzhanskoi SSR, Baku. Sektor fiziologii. Trudy [Academy of Sciences of the Azerbaijan S. S. R. Sector of Physiology, Transactions]
Stal' (16h)	Stal' [Steel]	Trudy TGU (1a)	Tomsk. Universitet. Trudy [University, Transactions]
Stand. i kach. (16a)	Standarty i kachestvo [Standards and Quality]	Trudy TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation, Transactions]
Stek. i ker. (16c)	Steklo i keramika [Glass and Ceramics]	Trudy TSNIMF (17b)	Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut morskogo flota. Trudy [Central Scientific Research Institute of the Merchant Marine, Transactions]
Stroi. i arkhitekt. (16b)	Stroitel'stvo i arkhitektura [Construction and Architecture]	Trudy TSNIIIS (16d)	Babushkin. Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. Trudy [All-Union Scientific Research Institute of Transportation Construction, Transactions]
Stroi. i arkhitekt. Uzb. (16b)	Stroitel'stvo i arkhitektura Uzbekistana [Construction and Architecture of Uzbekistan]		

Trudy Tadzh. med. inst. (14a)	Dushanbe, Gosudarstvennyi meditsinskii institut, Trudy [State Medical Institute, Transactions]	Uzb. khim. zhur. (13d)	Uzbekskii khimicheskii zhurnal [Uzbek Chemical Journal]
Trudy UkrNIGMI (13f)	Kiev, Ukrainskii nauchno-issledovatel'skii gidrometeorologicheskii institut, Trudy [Ukrainian Scientific Research Hydrometeorological Institute, Transactions]	Vech sred. shkola (8a)	Vechnina srednina shkola [Evening Secondary School]
Trudy Un. druzh. nar. (1a)	Moscow, Universitet druzhby narodov, Trudy [University of the Friendship of Peoples, Transactions]	Ved. Verkh. Sov. RSFSR (6)	Russia (1917- R. S. F. S. R.) Verkhovnyi Sovet, Vedomosti [Supreme Soviet, Gazette]
Trudy VNIIG (13d)	Leningrad, Vsesoiuznyi nauchno-issledovatel'skii institut galurgii, Trudy [All-Union Scientific Research Institute of Metallurgy, Transactions]	Ved. Verkh. Sov. SSSR (6)	Russia (1923- U. S. S. R.) Verkhovnyi Sovet, Vedomosti [Supreme Soviet, Gazette]
Trudy VNIIGaz (16c)	Vsesoiuznyi nauchno-issledovatel'skii institut prirodnaykh gazov, Trudy [All-Union Scientific Research Institute of Natural Gas, Transactions]	Vest. AMN SSSR (14a)	Akademii meditsinskikh nauk SSSR, Moscow, Vestnik [Academy of Medical Sciences of the U. S. S. R. Journal]
Trudy VNIKHAI (14h)	Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut khirurgicheskoi apparatury i instrumentov, Trudy [All-Union Scientific Research Institute of Surgical Apparatus and Instruments, Transactions]	Vest. AN Kazakh. SSR (1a)	Akademii nauk Kazakhskoi SSR, Alma-Ata, Vestnik [Academy of Sciences of the Kazakh S. S. R. Journal]
Trudy VNIKRakh. (16c)	Vsesoiuznyi nauchno-issledovatel'skii institut krakhamloproduktov, Trudy [All-Union Scientific Research Institute of Starch Products, Transactions]	Vest. AN SSSR (1a)	Akademii nauk SSSR, Vestnik [Academy of Sciences of the U. S. S. R. Journal]
Trudy VZIT (16g)	Moscow, Vsesoiuznyi zaochnyi institut inzhenerov zheleznodorozhnogo transporta, Trudy [All-Union Correspondence Institute of Railroad Transportation Engineers, Transactions]	Vest. Gruz. botan. ob-va (13c)	Akademii nauk SSSR, Vestnik [Academy of Sciences of the U. S. S. R. Journal]
Trudy Zool. inst. (13c)	Akademii nauk SSSR, Zoologicheskii institut, Trudy [Academy of Sciences of the U. S. S. R., Zoological Institute, Transactions]	Vest. khir. (14h)	Gruzinskoe botanicheskoe boshchestvo, Vestnik [Botanical Society of Georgia, Review]
TSement (16d)	TSement [Cement]	Vest. LGU (1a)	Vestnik khirurgii [Review of Surgery]
TSit. i gen. (13c)	TSitologiya i genetika [Cytology and Genetics]	Vest. mashino-str. (16g)	Leningrad, Universitet, Vestnik [University, Review]
TSitologiya (13c)	TSitologiya [Cytology]	Vest. Mosk. un. Ser. 6. Biol., pochv. (13c)	Vestnik mashinostroeniia [Machinery Manufacture Review]
TSvet. met. (16b)	TSvetnye metally [Nonferrous Metals]	Vest. sel'khoz. nauk [Kazakh,] (15a)	Moscow, Universitet, Vestnik. Seriya 6: Biologiya, pochvedovedenie [University, Review. Series 6: Biology, Soil Science]
Uch. zap. Dush. gos. ped. inst. (1a)	Dushanbe, Gosudarstvennyi pedagogicheskii institut, Uchenye zapiski [State Pedagogical Institute, Studies]	Vest. stat. (5b)	Vestnik sel'skokhozyaistvennoi nauki [Review of Agricultural Science], Kazakhstan
Uch. zap. Erev. un. (1a)	Erivan, Universitet, Uchenye zapiski [University, Studies]	Vest. stat. (5b)	Vestnik statistiki [Statistical Review]
Uch. zap. Kal. gos. ped. inst. (1a)	Kalinin, Pedagogicheskii institut, Uchenye zapiski [Pedagogical Institute, Studies]	Vest. zool. (13c)	Vestnik zoologii [Review of Zoology]
Uch. zap. Kar. ped. inst. (1a)	Petrozavodsk, Kareliiskii pedagogicheskii institut, Uchenye zapiski [Karelian Pedagogical Institute, Studies]	Vest. AN BSSR, Ser. biol. nav. (13c)	Akademii nauk BSSR, Minsk, Vest. Seriya biol. nauk [Academy of Sciences of the White Russian S. S. R., Bulletin, Series in the Biological Sciences]
Uch. zap. MGPI (1a)	Moscow, Moskovskii gosudarstvennyi pedagogicheskii institut, Uchenye zapiski [Moscow, State Pedagogical Institute, Studies]	Vest. AN BSSR, Ser. hram. nav. (1a)	Akademii nauk BSSR, Minsk, Seriya hram. nauk [Academy of Sciences of the White Russian S. S. R., Bulletin, Series in the Social Sciences]
Uch. zap. MOPI (1a)	Moscow, Moskovskii oblastnoi pedagogicheskii institut, Uchenye zapiski [Moscow Province Pedagogical Institute, Studies]	Visnyk Kyiv. un. Ser. astron. (13b)	Kiev, Universitet, Visnyk, Seriya astronomii [University, Review, Series in Astronomy]
Uch. zap. Mord. gos. un. (1a)	Saransk, Mordovskii gosudarstvennyi universitet, Uchenye zapiski [Mordvin State University, Studies]	Vnesh. torg. (5a)	Vneshnina torgovlia [Foreign Trade]
Uch. zap. NIIGA. Paleont. i biostr. (12c)	Leningrad, Nauchno-issledovatel'skii institut geologii Ark-tiki, Uchenye zapiski, Paleontologiya i biostratigrafiia [Scientific Research Institute of the Geology of the Arctic, Studies, Paleontology and Biostratigraphy]	Voen. - med. zhur. (14a)	Voenno-meditsinskii zhurnal [Journal of Military Medicine]
Uch. zap. Nov. gos. gos. ped. inst. (1a)	Novgorodskii gosudarstvennyi pedagogicheskii institut, Uchenye zapiski [Novgorod Main State Pedagogical Institute, Studies]	Vop. biokhim. mozg. (13c)	Voprosy biokhimi mozga [Problems of the Biochemistry of the Brain]
Uch. zap. Perm. ped. inst. (1a)	Perm, Pedagogicheskii institut, Uchenye zapiski [Pedagogical Institute, Studies]	Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]
Uch. zap. Smol. gos. ped. inst. (1a)	Smolensk, Gosudarstvennyi pedagogicheskii institut, Uchenye zapiski [State Pedagogical Institute, Studies]	Vop. geol. Uzh. Urala i Povol. (12c)	Voprosy geologii Uzhnogo Urala i Povolzh'ia [Problems in the Geology of the Southern Urals and Volga Valley]
Uch. zap. Tash. inst. nar. khoz. (5b)	Tashkent, Institut narodnogo khoziaistva, Uchenye zapiski [Institute of the National Economy, Studies]	Vop. ikht. (13c)	Voprosy ikhtologii [Problems in Ichthyology]
Uch. zap. VNIISZ (7)	Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut soetskogo zakonodatel'stva, Uchenye zapiski [All-Union Scientific Research Institute of Soviet Legislation, Studies]	Vop. kur., fizioter. i lech. fiz. kul't. (14c)	Voprosy kurortologii, fizioterapii i lechebnoi fizicheskoi kul'tury [Problems of Health Resort Therapy, Physical Therapy, and Exercise Therapy]
Uch. zap. Volg. gos. ped. inst. (1a)	Volgograd, Gosudarstvennyi pedagogicheskii institut, Uchenye zapiski [State Pedagogical Institute, Studies]	Vop. onk. (14c)	Voprosy onkologii [Problems of Oncology]
Ugol' Ukr. (16b)	Ugol' Ukrainy [Coal of the Ukraine]	Vop. prikl. gir. (16g)	Voprosy prikladnoi gireskopii [Problems of Applied Gyroscopy]
Ukr. bot. zhur. (13c)	Ukrains'kii botanicheskii zhurnal [Ukrainian Botanical Journal]	Vop. psikh. (3a)	Voprosy psikhologii [Problems of Psychology]
Ukr. fiz. zhur. (13f)	Ukrains'kii fizicheskii zhurnal [Ukrainian Physics Journal]	Vych. i prikl. mat. (13e)	Vychislitel'naya i prikladnaya matematika [Computer and Applied Mathematics]
Ukr. ist. zhur. (4a)	Ukrains'kii istoricheskii zhurnal [Ukrainian Historical Journal]	Vyskom. soed. (13d)	Vyskomolekuliarnye soedineniia [Macromolecular Compounds]
Ukr. khim. zhur. (13d)	Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]	Vyskom. soed. Ser. B (13d)	Vyskomolekuliarnye soedineniia, Seriya B [Macromolecular Compounds, Series B]
Upr. iad. energ. ust. (16e)	Upravlenie iadernymi energeticheskimi ustanovkami [Control of Nuclear Power Plants]	Vyssh. nerv. deiat. v norm. i patol. (14c)	Vysshaya nervnaya deiatel'nost' v norme i patologii [Higher Nervous Activity Under Normal Conditions and in Pathology]
Usp. (iz. nauk (13f)	Uspeski fizicheskikh nauk [Progress in the Physical Sciences]	Za tekhn. prog. (18a)	Za tekhnicheskii progress [For Technological Progress]
		Zap. nauch. sem. Len. otd. Mat. inst. AN SSSR (13c)	Akademii nauk SSSR, Matematicheskii institut, Leningradskoe otdelenie, Zapiski nauchnykh seminarov [Academy of Sciences of the U. S. S. R., Institute of Mathematics, Leningrad Department, Studies of Scientific Seminars]
		Zap. Zabaik. fil. Geog. ob-va SSSR (12b)	Geograficheskoe obshchestvo SSSR, Zabaikal'skii filial, Zapiski [Geographical Society of the U. S. S. R., Transbaikalian Branch, Records]
		Zav. lab. (16h)	Zavodskaya laboratoriya [The Factory Laboratory]
		Zdrav. Ros. Feder. (14a)	Zdavorozheniye Rossiiskoi Federatsii [Health Service of the Russian Federation]
		Zhil. i kom. khoz. (16d)	Zhiliщnoe i kommunal'noe khoziaistvo [Housing and Communal Services]

Zhur. anal. khim. (13 d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]	Zhur. neorg. khim. (13 d)	Zhurnal neorganičeskoi khimii [Journal of Inorganic Chemistry]
Zhur. eksp. i teor. fiz. (13 f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]	Zhur. ob khim. (13 d)	Zhurnal obščei khimii [Journal of General Chemistry]
Zhur. fiz. khim. (13 d)	Zhurnal fizicheskoi khimii [Journal of Physical Chemistry]	Zhur. strukt. khim. (13 d)	Zhurnal strukturnoi khimii [Journal of Structural Chemistry]
Zhur. mod. (16 f)	Zhurnal mod [Fashion Magazine]	Zhur. vych. mat. i mat. fiz. (13 e)	Zhurnal vychislitel'noi matematiki i matematicheskoi fiziki [Journal of Computer Mathematics and Mathematical Physics]
Zhur. Mosk. Patr. (3 b)	Orthodox Eastern Church, Russian, Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]	Zhur. vys. nei v. deiat. (14 c)	Zhurnal vysshei nervnoi deiatel'nosti [Journal of Higher Nervous Activity]

SUBJECT INDEX TO MONOGRAPHS AND PERIODICALS

O. GENERALITIES

00 FUNDAMENTALS OF KNOWLEDGE AND CULTURE

002 Documentation and Information Retrieval Publications

Creating a single engineering documentation system.
A. A. Lippart and others. Stand i kach. 32 no. 9:66-69 S '68.

From the Soviet Committee on Zoological Nomenclature.
Entomol. 43 no. 3:64-65 '68.

Informative function of standardization departments.
M. I. Basakov. Stand i kach. 32 no. 9:71-72 S '68.

Methods of collecting and processing statistical information on the operational reliability of machines.
V. V. Abramovich. Vest. mashinosti. 48 no. 9:7-9 Je '68.

Progressive methods of information service. A. Morozov.
Inform. biul. VNIKI no. 4 9-10 Ap '68.

Quality requirements for polystyrene. R. N. Stepanova.
Stand i kach. 32 no. 9:70 S '68.

Scientific and technical information [Ref. zhur. : Nauch. i tekhn. inform. no. 10 O '68.

"Standard and progress" No. 2 film tape. O. A. Andreevskii. Stand i kach. 32 no. 9:75 S '68.

002(574)—Kazakh S.S.R.

Exchange in experience of the informational service.
N. Baib. Sov. toig. 12 no. 10:48-49 O '68.

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[Book chronicle] Knizh. let. nos. 44-46, 48 '68.

[Chronicle of newspaper articles] Lit. gaz. st. nos. 18-19 Ag-O '68.

[Chronicle of periodical articles] Let. zhur. st. nos. 41-42, 44, 46 '68.

[Chronicle of periodical articles] Lit. zhur. nos. 17-20 '68.

[Chronicle of reviews.] Lit. rel. no. 10 '68.

[Chronicle of the publications of the White Russian S.S.R.] Let. zhur. BSSR no. 7 Ji '68.

A conference on the bibliography of recommended books.
A. Belova, T. Kuzina. Bibliotekar' no. 11:41-42 N '68.

[Information bulletin of new foreign books, received by the Lenin Library. Series I] Inform. biul. nov. inostr. knig. postup. v Bibl. im. V. I. Len. Ser. I 13 nos. 34-38 D '68.

[Information index of bibliographical lists and card files] Inform. ukaz. bibl. spis. i kart. 12 nos. 22-24 N-D '68.

[New books of the Ukrainian S.S.R.] Nov. knyhy URSS no. 26-29 '68.

[New books of the U. S. S. R.] Nov. knigi SSSR nos. 47-49 N-D '68.

New books published by the "Nauka" Publishing House.
Vest. AN Kazakh SSR 23 no. 12:66 D '67.

[New Foreign Books; Catalog of New Accessions] Nov. inostr. knigi; kat. nov. postup. no. 5 '68.

New literature on library science and bibliography.
Bibliotekar' no. 10:62-63 O '68.

New literature on library science and bibliography.
Bibliotekar' no. 11:61-63 N '68.

01.0 Bibliographies on generalities (knowledge and culture, bibliography, libraries, organizations, etc.)

New literature on library science and bibliography.
Bibliotekar' no. 10:62-63 O '68.

01.1 Bibliographies on philosophy

New literature on library science and bibliography.
Bibliotekar' no. 11:61-63 N '68.

01.3 Bibliographies on social sciences, law, military and naval sciences, education

[Literature on the pedagogical sciences and public education] Lit. po ped. nauk. i nar. obr. no. 3 '68.

New books. Part. zhiln. no. 20:80 O '68.

New books. Sots. trud. 13 no. 6:151 S '68.

Supply the accounting and statistical personnel with necessary literature. E. Seimenov, E. Mashikhin.
Vest. stat. no. 10:77-82 '68.

The Ukrainian S.S.R. in postwar international relations: a bibliography. Ukr. ist. zhur. 12 no. 9:159-160 S '68.

01.5 Bibliographies on mathematics and natural sciences

Bibliography of foreign literature on genetics (March 1968). Genetika 4 no. 8:185-192 '68.

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01.6 Bibliographies on applied sciences, medicine, technology

[Agricultural literature of the U. S. S. R.] Sol'khoz. lit. SSSR no. 11 '68.

Bibliography in foreign languages. Tudy VNIKIITAI no. 7:186-183 '67.

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[set of translations, collections of articles, authors' abstracts, and summaries of reports, with a considerable number of materials on surgical suturing apparatus and their use. Tudy VNIKIITAI no. 7:184-185 '67.

Surgical suturing apparatus: bibliography. A. M. Geselevich. Tudy VNIKIITAI no. 7:146-148 '67.

01.9 Bibliographies on history, geography

The most significant articles and materials on the present-day situation, history, culture, and languages of Slavs in foreign countries published in Soviet periodicals in 1968 (continuation). Sov. slav. no. 5 60-90 S-O '68.

Outstanding historians of Podolia. A. M. Paravichuk.
Ukr. ist. zhur. 12 no. 9:87-92 S '68.

Slavic studies published in foreign periodicals. Sov. slav. no. 5:98-101 S-O '68.

017 CATALOGS

Catalogs and card indexes for young readers. L. Khortikova. Bibliotekar' no. 10:40-50 O '68.

02 LIBRARIES. LIBRARIANSHIP

A library of educational records and tapes. E. O. Konokoth. Vosh. nered. shkola 11 no. 2:60-63 Mr-Apr '68.

As many visual aids as possible. A. Dadev, T. Iseayev. Bibliotekar' no. 11:56-58 N '68.

Marking the first anniversary of the Great October Revolution. K. Abramov. Bibliotekar' no. 11:10-11 N '68.

New appointments. Bibliotekar' no. 11:60 N '68.

New literature on library science and bibliography.
Bibliotekar' no. 10:62-63 O '68.

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Preparation of standard designs. I. Petrov. Bibliotekar' no. 11:53-55 N '68.

Programmed instruction. K. Voronko. Bibliotekar' no. 11:49-52 N '68.

Regulations on central libraries for youth in the seats of provinces and territories and the capitals of the autonomous Soviet socialist republics. Bibliotekar' no. 11:59-60 N '68.

The road of books to their readers has become shorter. E. Reshetnikova. Bibliotekar' no. 11:34-37 N '68.

Try to develop devotion to the ideals of communism. Bibliotekar' no. 11:1-5 N '68.

We also are for library aesthetics, but... E. Suklasian. Bibliotekar' no. 11:38-40 N '68.

02(431)—German Democratic Republic

Offspring of the socialist system. I. Gantakata, L. Pastukhova. Bibliotekar' no. 11:23-30 N '68.

02(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)

Useful discussion. L. Penelov. Bibliotekar' no. 10:51-55 O '68.

02(471.1)—Archangel Province

What did we learn from a questionnaire? N. Niklina. Bibliotekar' no. 11:31-33 N '68.

02(471.12)—Vologda Province

They continue the work of their fathers. G. I. Askovets. Bibliotekar' no. 10:5-9 O '68.

02(471.25)—Pskov Province

Headquarters of the friends of books. A. Mikhoeva. Bibliotekar' no. 10:23-26 O '68.

02(471.310)—Moscow City

The "Orenburg" Club. A. Morozov. Bibliotekar' no. 10:31-33 O '68.

We tell young Moscovites about Moscow. R. Mezerova. Bibliotekar' no. 11:23-25 N '68.

02(471.313)—Ryazan Province

Our prime objective. V. Serabriakov. Bibliotekar' no. 11:7-8 N '68.

02(471.331)—Kalinin Province

What our rural library needs. V. Razin'kova. Bibliotekar' no. 11:46-48 N '68.

02(471.333)—Bryansk Province

The books are the companions of rural youth. V. Elin. Bibliotekar' no. 10:28-30 O '68.

The most important sector. V. Nilov. Bibliotekar' no. 11:17-20 N '68.

02(471.341)—Gorkiy Province

Changes which will answer the demands of life. V. Sachkova. Bibliotekar' no. 10:56-57 O '68.

A library named after the V. I. Lenin Communist Youth League. K. Guseinov, T. Sokolova. Bibliotekar' no. 10:26-28 O '68.

02(471.53)—Perm Province

Framed by the needs of the collective farm. M. Deliaev. Bibliotekar' no. 11:20-21 N '68.

02(476)—White Russian S.S.R.

Armed with glorious traditions. A. Pritmanov. Bibliotekar' no. 10:15-18 O '68.

02(477)—Ukrainian S.S.R.

According to a uniform plan. N. Bylbas, V. Puchenko. Bibliotekar' no. 11:40-41 N '68.

Every month there is a review of new books. M. Stobodak. Bibliotekar' no. 11:22 N '68.

02(486)—European communist countries as a group

A conference of specialists in library science from socialist countries. Bibliotekar' no. 10:58-60 O '68.

02(487.2)—Bulgaria

New developments in the direction of people's reading rooms in Bulgaria. E. Ratkova. Bibliotekar' no. 11:42-46 N '68.

02(571.14)—Novosibirsk Province

The 50th anniversary of a scientific library. A. Radugin. Bibliotekar' no. 11:41 N '68.

02(571.15)—Altai Territory

Based on a standard plan. I. Zharkova. Bibliotekar' no. 10:12-14 O '68.

028 Reading. Advice for readers

Art of the discussion of literary works. I. Chapygina. Bibliotekar' no. 11:12-14 N '68.

From 22,000 to 23,000,000. A. Kamshalov. Bibliotekar' no. 10:2-4 O '68.

They educate the guardians of our country. V. Samonov. Bibliotekar' no. 10:34-35 O '68.

You should love books and be friends with the library. I. T. Serebradskii. Bibliotekar' no. 10:18-23 O '68.

028(471.11)—Archangel Province

We shall carry out all our plans. E. Kolodkina. Bibliotekar' no. 11:9 N '68.

028(471.232)—Leningrad City

Narration as well as visual instruction. I. Levitin. Bibliotekar' no. 10:45-47 O '68.

028(471 310)—Moscow City
Suggestions of readers. I. Zhadaeva. Bibliotekar' no. 10:58-59 O '68.
We tell young Moscovites about Moscow. R. Meorova. Bibliotekar' no. 11:23-25 N '68.

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Prompted by the needs of the collective farm. M. Beliaev. Bibliotekar' no. 11:20-21 N '68.

028(471 63)—Slavropol Territory
We use the calendar of historical events. L. Orudina. Bibliotekar' no. 10:60-61 O '68.

028(470)—White Russian S.S.R.
Armed with glorious traditions. A. Filimonov. Bibliotekar' no. 10:15-16 O '68.

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By common effort. E. Babich. Bibliotekar' no. 10:10-12 O '68.

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Preparing for the historical date. P. I. Aroslavskina. Bibliotekar' no. 11:5-6 N '68.

03 ENCYCLOPEDIAS, DICTIONARIES, REFERENCE BOOKS
Preliminary articles for the dictionary of the Proto-Slavic language in four volumes. E. M. Vereshchagin. Sov. slav. no. 5:40-44 S-O '68.

05 PERIODICALS, REVIEWS
[Chronicle of periodical articles] Lit. zhur. st. nos. 41-42, 44, 46 '68.
Fundamental trends in the work of the periodical "Vecherniaia sredniaia shkola" in 1968. Vech. sred. shkola 11 no. 2:96 Mr-Apr '68.
"So that is your periodical..." T. Kopylova. Mol. komm. no. 9:110-120 '68.
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A periodical published by the students of Scandinavia in the German Democratic Republic. A. K. Nov i noveish. 1st. no. 1:185 Ja-F '68.

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Through the pages of "La Pensée" periodical. L. V. Koshelev. Nar. Az. i Afr. no. 5:148-150 '68.

05(477)—Ukrainian S.S.R.
[Chronicle of periodical articles] Lit. zhur. nos. 17-20 '68.

05(55)—Iran
A review of the journal "Iftar wa mardom," 1966-1967. M. Aleksandrov. Nar. Az. i Afr. no. 5:169-173 '68.

06.06 Exhibitions, competitions, examinations
The eternal II'ich. Intern. blul. VDNKH no. 4:2-3 Ap '68.

06 ORGANIZATIONS, ASSOCIATIONS, CONGRESSES, MUSEUMS
Exhibition of Achievements of the National Economy of the U.S.S.R. for the national economy. "Electrical Engineering" Pavilion. Prom. Arm. 10 no. 8:65-68 '68.
Exhibition of Italian machine-tools in Milan. Vest. mashinostr. 48 no. 6:85-86 Je '68.
Fall fair in Leipzig. A. Saag. Vnesh. torg. 48 no. 12:40 '68.
"Interbymash-68." Prom. Arm. 10 no. 8:62-63 '68.
"Interbymash-66." I. Granovskaya. Sov. torg. 41 no. 6:58-60 Ag '68.
International exhibition of mining equipment "Intergor-mash-67." A. I. Safronov. Gidr. stroi. 38 no. 9:50-59 S '68.
The "New Developments in Steelmaking" Exhibition. Met. i gornorud. prom. no. 4:98 Ji-Ag '68.
1968 Leipzig Fair. E. V. Ermakova. Vest. mashinostr. 48 no. 6:85 Je '68.
Plovdiv, 1968. Vnesh. torg. 48 no. 12:41 '68.
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Review and contest closed, but competition still continues. Zhil. i kom. khoz. 18 no. 12:6 D '67.
A school of the beautiful. V. Kolokol'nikov, V. Dumalevs kyi. Rad. shk. 46 no. 12:45-50 D '67.
Soviet radio goods in Warsaw. IU. Nagrodskii. Vnesh. torg. 18 no. 12:43-44 '68.
The Soviet Union at the "Ekspo-70." B. Borisov. Vnesh. torg. 48 no. 12:3-5 '68.
Technical equipment of modern life. V. G. Lastovets. Gor. khoz. Mosk. 42 no. 4:8-11 Ap '68.

06.09 Historic, inaugural, commemorative celebrations
Fifty-first anniversary of the October Revolution. Nov. vrom. 26 no. 15:1-2 N '68.
Forward, toward the dawn! E. A. Grokholskaia. Vech. sred. shkola 11 no. 2:35-38 Mr-Apr '68.

06.09(437)—Czechoslovakia
Anniversary of the Czechoslovak Republic. A. Klevan-ski. Nov. vrom. 26 no. 15:12-14 O '68.

061 Institutions, associations, congresses, etc.
Activity of the Department of Hydraulic Engineering of the Central Board. Gidr. stroi. 38 no. 9:34-35 S '68.
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Try to develop devotion to the ideals of communism. Bibliotekar' no. 11:1-5 N '68.

We are educating conscientious builders of communism. Nar. obr. no. 9:55-62 S '68.

370, 17(439)—Hungary
Work with cadres. Matyas Totth. Part. zhizn' no. 20:73-76 O '68.

370, 17(471, 28)—Kaliningrad Province
The Komsomol should be a persistent concern. B. Nefedov. Part. zhizn' no. 20:40-44 O '68.

370, 17(477)—Ukrainian S. S. R.
Instructors of youth. T. Chavak. Mol. komm. no. 9:23-28 '68.

370, 17(477, 6)—Donets Basin
Development of public opinion in the student's collective. M. Iu. Krasovyt's'kiy. Rad. shk. 46 no. 12:88-90 D '67.

370, 17(519, 3)—Mongolian People's Republic
Strength of the party is in the consciousness of the masses. G. Ochirbat. Part. zhizn' no. 20:69-72 O '68.

371 School organization. Educational systems
Experimental work, an important means for vocational orientation. A. F. Akhmatov. Shkola i proizv. 12 no. 6:8-9 Jo '68.
Studies on organization in education. T. G. Morozova. Vech. sred. shkola 11 no. 2:76-78 Mr-Apr '68.

371(471, 310)—Moscow City
Schools in Moscow during the 1930's. L. V. Dubrovina. Gor. khoz. Mosk. 42 no. 4:35-37 Ap '68.

371.1 Management. Teaching staff
According to the call of the party. G. N. Shapochkina. Vech. sred. shkola 11 no. 2:32-34 Mr-Apr '68.
Answering questions. S. N. Abramkin. Vech. sred. shkola 11 no. 2:88-92 Mr-Apr '68.

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A year of great tasks. Nar. obr. no. 9:2-6 O '68.

371, 1(471, 55)—Chelyabinsk Province
It is more economical this way. P. Shimenko. Fla. SSSR 42 no. 11:76-78 N '68.

371.3 Methods of instruction
First steps. N. F. Nosko. Rad. shk. 46 no. 12:91-93 D '67.

From life, into life. M. I. Plotnikov. Vech. sred. shkola 11 no. 2:69-71 Mr-Apr '68.

In unity with practice. M. Terekhin. Nar. obr. no. 9-48-51 S '68.

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A library of educational records and tapes. E. O. Konokotin. Vech. sred. shkola 11 no. 2:60-63 Mr-Apr '68.

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Problem method of instruction in manual training classes. D. I. Kupov. Shkola i proizv. 12 no. 6:23-25 Jo '68.

Programmed instruction. K. Voron'ko. Bibliotekar' no. 11:49-52 N '68.

Programmed training. A. A. Shindriaev. Voen.-med. zhur. no. 10:23-25 O '68.
Radio and tape recording in elementary grades. I. M. Zhuravik's'ka. Rad. shk. 46 no. 12:70-83 D '67.
Repeating, comparing. G. N. Iakovlev. Vech. sred. shkola 11 no. 2:45-50 Mr-Apr '68.
Study of epic works. S. K. Esipova. Vech. sred. shkola 11 no. 2:57-60 Mr-Apr '68.
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Telling the children about fortitude and valor. T. M. Shashko. Rad. shk. 46 no. 12:69-72 D '67.
There is no limit to the possibility of participation. I. A. Neskov. Nar. obr. no. 9:47-48 S '68.

371, 3(471, 310)—Moscow City
Improving the level of instruction. N. Kokarev. Nauch. dokl. vys. shkoly; ekon. nauki 11 no. 8:72-75 '68.

371, 3(471, 61)—Rostov Province
Practice and problems of the new year. T. Grichenko, S. Slepakov. Nauch. dokl. vys. shkoly; ekon. nauki 11 no. 8:79-84 '68.

371, 6(471, 310)—Moscow City
Study room of organizational and party work. A. Kosopolova, N. Kashkina. Part. zhizn' no. 20:44-46 O '68.

371.5 Rules. Attendance. Prizes. Discipline
Should the teacher always "reveal" his position? L. Plaksina. Nar. obr. no. 9:52-55 S '68.

371.6 Teaching and training rooms and equipment
How to show motion-picture tape rings. K. Chernyshev. Nar. obr. no. 9:71-75 S '68.

371.7 School hygiene. Health, physical training, games
"Attention! the game continues..." A. Razorenova. Mol. komm. no. 9:49-53 '68.
Methodology of prophylactic examinations of school children with the use of large-photography fluorography (A. I. Lipskii, M. G. Strekhov. Sbor. nauch. trud Novosib. NI san inst. 15:91-93 '65).

371, 7(477)—Ukrainian S. S. R.
How the torch was lit. O. Karginin. Nar. obr. no. 9-64-69 S '68.

371, 7(571, 14)—Novosibirsk Province
Observations on the physical development of students in boarding schools of Novosibirsk. V. A. Balandina. Sbor. nauch. trud Novosib. NI san inst. 15:93-95 '65.

371, 7(571, 17)—Kemerovo Province
Physical development of schoolchildren in Kemerovo. D. I. Kaganovich, N. D. Bogachanov, N. A. Kravova. Sbor. nauch. trud Novosib. NI san inst. 15:87-89 '65.

371.8 School life. Customs. Honors, uniform, etc
Hally of young technicians. V. V. Bykov. Shkola i proizv. 12 no. 6:60-61 Jo '68.

Student self-government in schools. O. I. Kurysh. Rad. shk. 46 no. 12:84-87 D '67.

371, 8(477, 6)—Western Ukraine
Schools of Ternopol' Province in the anniversary year. M. S. Kolesnyk. Rad. shk. 46 no. 12:24-26 D '67.

371.9 Education of special categories of pupils: handicapped, blind, deaf and dumb, etc.

371, 9(471, 311)—Moscow Province
Work is the best medicine. L. Nikolaev. Sots. obesp. 43 no. 9:40-43 S '68.

371, 9(476)—White Russian S. S. R.
At the Ministry of Education of the U. S. S. R. Nar. obr. no. 9:123 S '68.

372 Preschool and elementary or primary education
Education and development of younger schoolchildren. O. V. Skryphonko. Rad. shk. 46 no. 12:73-79 D '67.
Radio and tape recording in elementary grades. I. M. Zhuravik's'ka. Rad. shk. 46 no. 12:79-83 D '67.

372(471, 310)—Moscow City
Training of future first graders. G. Iarmakhov, N. Bondarenko. Nar. obr. no. 9:44-46 S '68.

372.364 Manual training in schools
All-Union seminar on manual polytechnical training.
V. F. Koz'min, A. M. Podavalov, R. N. Pushkina. Shkola i proizv. 12 no. 6:70-72 Je '68

For a polytechnical school. Shkola i proizv. 12 no. 6:3-7 Je '68

Manual polytechnical training. A. Shibanov. Nar. obr. 9:70-73 S '68

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Problem method of instruction in manual training classes. D. I. Kupov. Shkola i proizv. 12 no. 6:23-25 Je '68

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Training schoolchildren in the elements of planning. A. V. Strakhov. Shkola i proizv. 12 no. 6:26-27 Je '68

Work in the 5th grades in the unit "Work with wood." V. F. Churkov. Shkola i proizv. 12 no. 9:24-33 S '68

372.364(471.232)—Leningrad City
Manual training in the shops of the Leningrad Optical Instruments Association. A. N. Mitrofanov. Shkola i proizv. 12 no. 6:37-39 Je '68

372.364(471.318)—Kaluga Province
Work of manual training teachers in Kaluga Province. F. A. Abrosimova, V. S. Terekhin. Shkola i proizv. 12 no. 9:20-24 S '68

373 Secondary education

373(471.327)—Penza Province
Always in search. R. Aleksandrov. Nar. obr. no. 9:38-43 S '68

373(474.3)—Latvian S. S. R.
Instruction in using reference material in technical drawing lessons. F. Kataev. Shkola i proizv. 12 no. 6:45-53 Je '68

373.6 Technical and vocational institutes, polytechnical institutes
Educational centers for youth vocational studies. S. Naumov. Arkhitektura SSSR 38 no. 10:13-18 '68

Improve the level of the training of economic personnel. L. Cherkashyn. Ekon. Rad. Ukr. 10 no. 8:54-55 Ag '68

The quality of training specialist and expenditures for education. A. Dalnovskii. Vop. ekon. no. 11:157-160 N '68

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Young hands, golden hands. B. D. Lavrentuk. Gor. khoz. Mosk. 42 no. 9:7-9 S '68

373.68 Agricultural training
Creative work of students. I. K. Koktashev. Shkola i proizv. 12 no. 9:72-73 S '68

374 Further education. Private study. Adult education
According to the call of the party. G. N. Shapochkina. Vech. sred. shkola 11 no. 2:32-34 Mr-Ap '68

Answering questions. S. N. Abramkin. Vech. sred. shkola 11 no. 2:68-69 Mr-Ap '68

Dynamic, statistical, and thermodynamic regularities. L. E. Ventsovskii. Vech. sred. shkola 11 no. 2:72-75 Mr-Ap '68

From life, into life. M. I. Plotnikov. Vech. sred. shkola 11 no. 2:69-71 Mr-Ap '68

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Improving work with pedagogic cadres. I. Ovodov. Nar. obr. no. 8:18-22 S '68

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The quality of knowledge could be better. I. Zharova. Nar. obr. no. 9:76-78 S '68

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The topic "The verb" and the development of the students' vocabulary. A. I. Arbuzova. Vech. sred. shkola 11 no. 2:63-68 Mr-Ap '68

Use of algorithms in solving problems for calculating averages. V. P. Bulachonko, P. I. A. Mikhailik. Vech. sred. shkola 11 no. 2:83-87 Mr-Ap '68

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The work of the principal. . . . N. V. Bogomolova. Vech. sred. shkola 11 no. 2:29-32 Mr-Ap '68

374(471.45)—Volgograd Province
Efforts of the Volgograd party organization to raise the cultural level and technical qualifications of workers, 1959-1965. V. G. Merkusheva. Uch. zap. Volga. gos. ped. inst. no. 22:147-167 '67

374(474.3)—Latvian S. S. R.
In the correspondence schools of Latvia. G. E. Rudzitis. Vech. sred. shkola 11 no. 2:23-25 Mr-Ap '68

One of the roads to an international education. B. T. Infant'ev, A. G. Loasv. Vech. sred. shkola 11 no. 2:50-58 Mr-Ap '68

374(477)—Ukrainian S. S. R.
Development of adult education in the Ukraine. O. M. Shportenko. Rad. shk. 46 no. 12:31-36 D '67

374.4 Correspondence courses and schools
Improving correspondence school instructions. P. Sudak. Fin. SSSR no. 11:16-18 N '68

The quality of knowledge could be better. L. Zharova. Nar. obr. no. 9:76-78 S '68

374.7 People's universities

374.7(571.15)—Altai Territory
A university has begun its work. G. Slupskii. Bibliotekar' no. 11:8 N '68

378 Higher education. Universities, colleges, academies
Education of future specialists in the institutions of higher learning during the Great Patriotic War, 1941-1945. B. I. Sudarov. Uch. zap. MGPI no. 250:203-229 '67

Organizational and methodological forms of the assistance of a medical institute in the practice of public health. Kh. S. Khamutov, V. M. Siroikin. Zdrav. Ros. Fed. 12 no. 10:32-35 O '68

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378(471.22)—Karelian A. S. S. R.
A happy rich man. Zh. Aronova. Mol. komm. no. 9:108-113 '68

378(471.232)—Leningrad City
In memory of A. A. Voznesenskii, on the 70th anniversary of his birth. Vest. LGU 23 no. 17:151-152 S '68

378(471.310)—Moscow City
Fiftieth anniversary of the Moscow Mining Academy and the Moscow Mining Institute. V. V. Rzhavskii. Izv. vyz. ucheb. zav. i gor. zhur. 11 no. 8:182-188 '68

378(478)—White Russian S. S. R.
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378(477.8)—Western Ukraine
At Chernovtsy University. V. K. Rad. lit. 12 no. 10:95-96 O '68

378(497.2)—Bulgaria
Infection, morbidity, and death due to tuberculosis among students of Sofia schools of higher education from 1954 to 1963. S. I. Khatdutov. Probl. tub. 43 no. 12:13-16 '65

378(571.14)—Novosibirsk Province
On the 35th anniversary of the Novosibirsk Scientific Research Sanitary Institute. Sbor. nauch. trud. Novosib. NI san. inst. 15:3-6 '65

Some results and aspects of the work of the Novosibirsk Scientific Research Institute of Sanitation in the field of hygiene of children and adolescents. D. I. Kapanov. Sbor. nauch. trud. Novosib. NI san. inst. 15:75-79 '65

378(575.1)—Uzbek S. S. R.
At the Ministry of Education of the U. S. S. R. Nar. obr. no. 9:123 S '68

378.24 Academic dissertations
Defense of a dissertation in the Institute of Slavic Studies of the Academy of Sciences of the U. S. S. R. G. S. Sov. slav. no. 5:103 S-O '68

Defense of dissertations in Voronezh University. A. P. Moskalenko. Sov. slav. no. 5:102-103 S-O '68

Defense of theses. N. Poleska. Izv. AN Yurk. SSN. Ser. biol. nauk no. 4:96 '68

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379 Relation between school and society

379(471.45)—Volgograd Province
Society and schools. V. Kuksar'sov. Nar. obr. no. 9:14-15 S '68

38 COMMERCE. TRADE. COMMUNICATION

380.11 Supply and demand

380.11(471.232)—Leningrad City
In the "Passazh" trade firm. D. Gilianova, Z. Rejous. Sov. torg. 42 no. 10:36-37 O '68

380.11(575.1)—Uzbek S. S. R.
Manufacture what the population demands most. Z. Saifarov. Ekon. i zhizn' 10 no. 9:65-67 '68

Production of food products and the level of satisfying the population's demand for them. V. S. Nukhat. Uch. zap. Tash. inst. nar. khoz. no. 33:174-182 '68

380.16 Control of trade. Trade registers. State trading

380.16(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)

Analysis of data on the procurement of agricultural products in statistical administrations and government auditing offices of the R. S. F. S. R. V. Elin. Vest. stat. no. 10:54-61 '68

380.8 Tourist trade or industry
Travelers' cheques. Vnesh. torg. 48 no. 12:00 '68

381 Inland trade
Incentive funds in trade. E. Fomarov. Fin. SSSR 42 no. 11:45-49 N '68

New conditions of issuing credit. E. Shul'man. Sov. torg. 41 no. 8:33-36 Ag '68

The wholesale price reform and problems of price determination. I. Vinukov. Ekon. Rad. Ukr. 10 no. 8:9-13 Ag '68

381(471.12)—Vologda Province
Our claims toward vegetable growers. P. Kolesov. Sov. torg. 41 no. 8:46-48 Ag '68

381(477)—Ukrainian S. S. R.
Reduce the number of intermediate offices involved in trade turnover. L. Kozinskii. Sov. torg. 41 no. 6:30 Ag '68

381(574)—Kazakh S. S. R.
Exchange in experience of the international service. N. Batin. Sov. torg. 42 no. 10:46-48 O '68

381.4 Warehouses. Depots
Use joint warehouses efficiently. M. Kogan. Sov. torg. 42 no. 10:11-14 O '68

381.5 Retail trade. Stores

381.5(471.232)—Leningrad City
In the "Passazh" trade firm. D. Gilianova, Z. Rejous. Sov. torg. 42 no. 10:36-37 O '68

- 381, 5(471, 310)—Moscow City
Meet Nina Mikhailovna P. Bykhovskaya. Sov. torg. 41 no. 8:25-30 Ag '68.
Studies prompt. E. Vas'kin, A. Sapozhnikov, V. Andreev, Sov. torg. 41 no. 8:31-32 Ag '68.
Where to place specialized stores. I. Gavrasov, IU, Tyul'dani. Sov. torg. 41 no. 8:49-50 Ag '68.
- 381, 5(471, 311)—Moscow Province
Not far from Moscow... G. Matveeva. Sov. torg. 42 no. 10:21-25 O '68.
- 381, 5(471, 342)—Kirov Province
Economic incentives in a store. G. Bukin. Sov. torg. 41 no. 8:14-17 Ag '68.
- 381, 5(571, 13)—Omsk Province
"Goluboi Ogonek." N. Semiletova. Sov. torg. 41 no. 8:22-24 Ag '68.
- 381, 5(571, 14)—Novosibirsk Province
The collective of excellent service. A. Shapovalov. Sov. torg. 42 no. 10:45 O '68.
- 381, 5(571, 62)—Khabarovsk Territory
In our department store. V. Volosovich. Sov. torg. 42 no. 10:26-29 O '68.
- 382 Foreign trade
Acceptance of delivered imported clothing articles by quality. D. Zamkovskii. Sov. torg. 41 no. 8:37-40 Ag '68.
Contracts of the "Litsenzintorg." A. Mironov. Vnesh. torg. 48 no. 12:38 '68.
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The U.S.S.R. export and import of the most important commodities in 1967 and their distribution by groups of countries. Vnesh. torg. 48 no. 12:46-58 '68.
- 382(4/0, 104)—Capitalist countries of the world
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- 382(41)—United Kingdom and Northern Ireland
Characteristics of the development of British imperialism during the first stage of the general crisis of capitalism. N. M. Chepurin. Uch. zap. MGPI no. 278:226-258 '67.
- 382(433)—Federal Republic of Germany
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- 382(469)—Portugal
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- 382(51)—China
Japan and the Mao group's foreign policy. D. Petrov. Mezhdunar. zhizn' 15 no. 12:36-48 '68.
Macao and its problems. M. I. Matveev. Nar. Az. i Afr. no. 5:129-135 '68.
- 382(52)—Japan
Japan and the Mao group's foreign policy. D. Petrov. Mezhdunar. zhizn' 15 no. 12:36-48 '68.
- 382(540)—India
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- 382(564, 3)—Cyprus
Trade of the U.S.S.R. with Cyprus. IU, Iumashev. Vnesh. torg. 48 no. 12:14-16 '68.
- 382(6)—Africa
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- 382(63)—Ethiopia
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- 382(73)—United States of America
Latin America, the Pentagon, and the arms race. IU, Eliutin. Mezhdunar. zhizn' 15 no. 12 63-70 '68.
- 382(94)—Australia (Commonwealth)
Australia on the world market. V. Chekin. Vnesh. torg. 48 no. 12:27-31 '68.
- 382.16 Balance of trade
382, 16(41)—United Kingdom and Northern Ireland
Structural changes in the British balance of payments after the Second World War. P. F. Bolyt. Vest. LGU 23 no. 17:14-22 S '68.
- 385/388 Transport (economic aspects only)
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- 385 Railways
How is busness, conductors? V. Agapov. Otkr. truda i sots. strakh. 11 no. 10:15 O '68.
How much does the passenger need? A. Loginov. Sov. profsoiuzy 24 no. 16 30-32 S '68.
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- 388.1 Roads and bridges. Road transport, haulage
388, 1(575, 1)—Uzbek S.S.R.
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515 Descriptive geometry

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517 Analysis. Calculus

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- Approximation in the mean by analytic functions. V. G. Maz'la, V. P. Khavin. Vest. LGU 23 no. 13:62-74 '68.
- Approximation of continuous functions by algebraic polynomials. I. B. Bashmakova, V. N. Malozemov. Vest. LGU 23 no. 13:5-9 '68.
- Approximation of continuous functions of two variables by algebraic polynomials. V. N. Malozemov. Vest. LGU 23 no. 19:73-87 '68.
- Boundary properties of functions in regions with zero angles. G. N. Iakovlev. Uch. zap. MOPI 166:291-301 '68.
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- Integral representations of holomorphic functions. I. I. Bavrin. Uch. zap. MOPI 166:3-47 '68.
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- Isomorphism of function spaces analytical in bicircular domains. S. D. Okun'. Uch. zap. MOPI 166:139-150 '68.
- L1-approximation of functions of two variables by polynomials and Tauberian theorems for double integrals and series. M. M. Karimova. Uch. zap. Dush. gos. ped. inst. 53:58-67 '68.
- Large intervals of a random Boolean function. G. S. Plesnevich. Dokl. AN SSSR 182 no. 1:49-52 '68.
- Linear polynomial operations in the complex domain. S. A. Verbanov. Vest. LGU 23 no. 13:10-20 '68.
- Methodological problems in constructing optimum parametric series. Z. Shitova. Stand. i kach. 32 no. 9:20-22 '68.
- More about generalized Theta-functions. M. Akhmedov. Uch. zap. Dush. gos. ped. inst. 53:3-15 '68.
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- 517.512 Series**
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- The localization principle and limiting correlations for polynomials orthogonal on a unit circle. B. L. Golinskii. Izv. vys. ucheb. zav., mat. no. 10:42-53 '68.
- More precise formulation of theorems of Hardy-Littlewood and Knopp on double power series. M. A. Subkhankulov, M. M. Karimova. Uch. zap. Dush. gos. ped. inst. 53:58-76 '68.
- Probability problem leading to the calculation of the sum of the series $\sum_{k=1}^{\infty} k^{-1}$. I. I. Erzhov. Dop. AN URSR Ser. A 30 no. 9:791-794 '68.
- Set of limit points in a subsequence of partial sums in a series containing complex terms. I. P. Milovidova. Izv. vys. ucheb. zav.; mat. no. 9:55-68 '68.
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- 517.54 Conformal representation**
- Hydromechanical computation of bypass percolation at the junction of a spillway dam and a channel earth embankment. V. H. D'okhtar. Dop. AN URSR Ser. A 30 no. 10:889-891 '68.
- 517.544 Dirichlet's problem. Boundary value problem**
- An approach to solving Neumann's problem for Poisson's equation by the method of finite differences. I. M. Molchanov. Dop. AN URSR Ser. A 30 no. 10:902-906 '68.
- Boundary value problem for a differential equation describing the elastic equilibrium of a shallow cylindrical shell with a freely supported edge. M. A. Ismailov. Dokl. AN Tadzh. SSR. II no. 5:7-12 '68.
- Bounded solutions of Reimann's boundary value problem having an infinite index exponential order. N. V. Govorov. Dokl. AN SSSR 182 no. 4:760-763 '68.
- A conjugate problem for elliptic equations. A. I. Chitap. Izv. vys. ucheb. zav.; mat. no. 9:100-111 '68.
- Finding generalized solutions of some nonlinear boundary value problems. O. S. Urchenko. Dop. AN URSR Ser. A 30 no. 10:919-922 '68.
- Formulas for solving certain biharmonic problems by the method of summary representations. P. I. Chulenko. Vych. i prikl. mat. no. 5:72-82 '68.
- General boundary value problem for a system of composite type equations. A. Dzharayev. Dokl. AN SSSR 181 no. 4:788-791 '68.
- Global solvability of the first boundary value problem for a quasi-linear parabolic equation. A. V. Ivanov. Zap. nauch. sem. Len. otd. Mat. inst. AN SSSR 5:6-36 '67.
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- Multiple eigenvalues in cyclic boundary value problems. M. I. Serov. Uch. zap. Kar. ped. inst. 20:10-16 '67.

- Nonlocal estimation of the first derivative solutions of the Dirichlet problem for inhomogeneously elliptic quasi-linear equations. N. M. Ivoshkina, A. P. Chokolev. Zap. nauch. sem. Len. otd. Mat. inst. AN SSSR 5:11-109 '67.
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- A priori assessments with weight of solutions of Dirichlet's problem for quasi-linear elliptic equations in an unbounded domain. V. A. Tarasov. Uch. zap. Kar. ped. inst. 20:38-49 '67.
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- Use of the power series method in solving a boundary value problem for a system of differential equations containing parameters. A. A. Sukennyi. Dop. AN URSR Ser. A 30 no. 9:832-835 '68.
- Use of the symmetry method in solving a linear conjugate problem. L. I. Chibrikova, L. G. Salakhov. Izv. vys. ucheb. zav.; mat. no. 9:94-105 '68.
- 517.6 Integrals**
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- Tauberian theorems with a remainder term for double Laplace integrals and Laplace-Stieltjes integrals. M. A. Subkhankulov, M. M. Izralova. Uch. zap. Dush. gos. ped. inst. 53:77-104 '68.
- 517.69 Differential equations**
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- Application of the Frobenius-Kukles method. I. V. Goriolov. Uch. zap. Dush. gos. ped. inst. 53:34-57 '68.
- Approximation in the mean by harmonic functions. V. G. Maz'la, V. P. Khavin. Zap. nauch. sem. Len. otd. Mat. inst. AN SSSR 5:100-200 '67.
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- Assessments with weight of the maximum module and Hölder's constant of generalized solutions of quasi-linear elliptic equations in an unbounded domain. V. A. Tarasov. Uch. zap. Kar. ped. inst. 20:50-60 '67.
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- Branching of periodic solutions. P. G. Aizengendler, M. M. Vainberg. Uch. zap. MOPI 166:229-236 '68.
- Cauchy problem for a class of linear loaded integro-differential equations. L. M. Kartashov, S. P. Kovalenko. Dop. AN URSR Ser. A 30 no. 10:894-897 '68.
- Cauchy problem for a second-order hyperbolic equation degenerate on the initial hyperplane. A. R. Norseev. Dokl. AN SSSR 181 no. 4:768-801 '68.
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- Distribution of the characteristics of a certain differential equation. N. B. Khaikov. Uch. zap. Dush. gos. ped. inst. 53:127-132 '66.
- Estimating the rate of conversion of a variant of the method of intermediate problems. L. T. Pozniak. Zhur. vych. mat. i mat. fiz. 8 no. 5:1117-1126 S-O '68.
- Estimation of errors in systems with mutually excited channels. F. F. Falykhov, I. A. Mukhametjanov. Trudy Un. druzh. nar. Tooi. mekh. 27:110-127 '68.
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- Existence of an invariant surface for a system of differential equations. V. I. Lulikh. Vest. LGU 23 no. 10:55-72 O '68.
- Extension of Frommer's method of investigation of a singular point to a system of three differential equations. I. S. Kukles, L. B. Persidskaya. Izv. vys. ucheb. zav., mat. no. 0.44-54 S '68.
- Formulae for solving certain biharmonic problems by the method of summary representations. P. I. Chalenko. Vych. i prikl. mat. no. 5:72-82 '68.
- Came-type rendezvous of motions. N. N. Krasovskii. Dokl. AN SSSR 181 no. 5:1062-1064 '68.
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- U. D. Sokolov's improved method for solving integro-differential equations. O. F. Kalaidin, T. I. Ianihevs'kiy. Dop. AN URSSR. Ser. A 30 no. 9:704-800 S '68.
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539.173 Fission

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539.18 Physics of single atoms

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539.23 Deposition of thin films

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539.3 Mechanical properties of solids. Elasticity. Plasticity

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539.37 Deformation: theory, types, etc.

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- Elasticity and strength limits of condensed permalloy films.** L. M. Sandler, Fiz. met. i metalloved., 25 no. 6:1039-1042 Je '68.
- Studying the creep of a thin plate weakened by deep notches.** IU. I. Trubnikov, Izv. vys. ucheb. zav., mashinost., no. 3:94-98 '68.

539.4 Strength. Resistance

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- Design of threaded joints operating under high temperature conditions.** V. B. Zhukov, Vest. mashinost., 48 no. 8:26-28 Ag '68.
- Determining combined stresses and evaluation of roller strength used in cold rolling.** A. V. Tret'akov, E. A. Garber, IU. A. Ozolin, Vest. mashinost., 48 no. 6:20-21 Je '68.
- Distribution of stresses on the cutting edges of a helical drill.** M. Fagradan, Prom. Arm., 10 no. 8:53-55 '68.
- Dynamics of the hoisting mechanism of a tower crane.** L. M. Smirnov, Vest. mashinost., 48 no. 8:23-25 Ag '68.
- Energy theory of the fracture of oriented laminate glass reinforced plastics under biaxial compression.** V. P. Iatsenko, H. H. Marholin, Dop. AN URSSR, Ser. A 30 no. 10:941-943 O '68.
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539.5 Material properties influencing deformability

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539.6 Intermolecular forces; association phenomena

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- Analysis of iron-tungsten, molybdenum-tungsten alloys. O. I. Popova, O. G. Seratin. *Zhur. anal. khim.* 23 no. 6:791-792 My '68.
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- 543.8 Organic analysis**
- Analysis of mixtures of benzoic acid and its derivatives by means of ultraviolet spectroscopy. S. V. Bogalov and others. *Zhur. anal. khim.* 23 no. 5:757-761 My '68.
- Applying the gas chromatographic method of analysis of amines to the identification of components containing cheese flavor. R. V. Golovina, G. A. Mironov, R. M. Abdullina. *Zhur. anal. khim.* 23 no. 5:768-770 My '68.
- Chromatography of diazotized isomeric sulfonic acids of α -aminonaphthols (naphthoquinonediazides). I. L. Volodarskii, V. V. Kozlov. *Zhur. anal. khim.* 23 no. 5:782-785 My '68.
- Evaluating the danger of ignition by spark discharges of static electricity produced by powdered plastics. B. G. Popov, I. S. Taubkin. *Plast. massy* no. 10:63-65 '68.
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- Identification of quinoline bases by the microcrystallographic method using cadmium salts. P. P. Karlik, I. P. Riazanov. *Zhur. anal. khim.* 23 no. 5:795-797 My '68.
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- Polarographic method of determining chloroform impurity in methyl- α -bromo- γ -acetoxypropylketone** G. P. Tikhomirova, S. L. Bolen'kaya, N. F. Madudina Zhur. anal. khim. 23 no. 5 793-796 My '68
- Polarographic study of the reduction of complex gold (I) urthioate on a dropping mercury electrode** Kh. K. Ospanov and others. Zhur. anal. khim. 23 no. 5 779-782 My '68
- Relative reactivity of unsaturated compounds of germanium in reactions with methyl radical.** N. S. Nametkin and others. Izv. AN SSSR Ser. khim. no. 9 2139-2141 S '68
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- Simultaneous determination of carbon, hydrogen, and silicon in organofluorine compounds.** M. F. Shostakovskii and others. Zhur. anal. khim. 23 no. 5 754-756 My '68
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- Study of dual reactivity of phosphamidine-anions.** M. I. Kabachnik, V. A. Giltarov. Izv. AN SSSR Ser. khim. no. 9 2038-2041 S '68
- Study of free radicals formed in the reaction of hydrogen atoms with solid organic compounds.** V. D. Shaturov and others. Khim. vys. energ. 2 no. 5 413-417 S-O '68
- Use of nitrous acid for determining hydroperoxide groups.** M. M. Buzlanova, L. I. Mokhrushova, V. L. Antonovskii. Zhur. anal. khim. 23 no. 5 787-790 My '68

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- Dependence of toxicity of inorganic substances on the electronic structure of atoms.** S. V. Suvorov Gig i san. 33 no. 11 98-101 N '68
- 546.02 Isotopes**
- Concerning the β^+ -spectrum and spectrum of As⁷² conversion electrons.** V. D. Vitman, B. S. Dzhelepor, A. I. Medvedev. Izv. AN SSSR Ser. fiz. 32 no. 10 1625-1628 O '68
- Decay of Sr-83.** A. S. Basina and others. Izv. AN SSSR Ser. fiz. 32 no. 10 1633-1639 O '68
- Diagnostic use of osteotropic isotopes in orthopedic practice.** J. Kolar and others. Ortop., travn. i protez. 29 no. 8 17-23 Ag '68
- Elastic and inelastic scattering of protons with energy around 6 Mev. on isotopes Ni⁵⁸, Ni⁶⁰, Ni⁶¹, Ni⁶², and Ni⁶⁴.** A. E. Antipov and others. Izv. AN SSSR Ser. fiz. 32 no. 10 1741-1746 O '68
- Experimental study of Sr-89 infiltration process into the intact skin in rats.** V. L. Zolchik, M. A. Khodyreva. Gig i san. 33 no. 11 38-41 N '68
- Isotopes at work.** L. Elovskaya. Ochr. truda i sol. strakh. 11 no. 10 20-21 O '68
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- Numerical value of the ratios of nuclear quadrupole moments of Re¹⁸⁵ and Re¹⁸⁷.** G. K. Semina, E. V. Briukhova. Tad fiz. 7 no. 6 1346-1347 Je '68
- Radioindicator study of the inclusion of carbonate-C¹⁴ in experimental reparative regeneration of the bone, I. M. Dmitriev. Ortop., travn. i protez. 29 no. 8 13-17 Ag '68**
- Some problems of the theory of diagnostic counter for the entire human body.** I. U. M. Vaitsov. Nov. med. prib. no. 2 111-117 '67
- Study of two-particle - hole states in Se⁴¹.** Y. Cassagnou and others. Izv. AN SSSR Ser. fiz. 32 no. 10 1650-1652 O '68
- Tritium-labeled "delapon" (sodium salts of α,α -dichloropropionic acid).** I. U. N. Pisanov, V. A. Shalygin, I. A. D. Zel'vinskii. Zhur. ob. khim. 30 no. 7 1457-1458 JI '68

546.1 Nonmetals, metalloids

- Action of hydrogen chloride and NH₄Cl on ilmenite** I. A. I. Ivashentsev. Trudy TGU 170 139-142 '64
- Arsenic method of microdilatometric determination of yttrium.** G. B. Shalidaktinskii, B. S. Valiev, G. A. Aslanov. Azerb. khim. zhur. no. 3 117-121 '66
- Arsenites of lanthanum, cerium, praseodymium, and neodymium.** G. I. Vasil'ev, V. V. Serobrennikov. Trudy TGU 154 115-118 '62
- Chlorination of NiO by chlorine, hydrogen chloride and CCl₄.** I. A. I. Ivashentsev, G. G. Bodunova. Trudy TGU 154 63-70 '62
- Chlorination of nepheline rock by hydrogen chloride and vapors of CCl₄.** A. P. Buntin, I. A. I. Ivashentsev, N. M. Trushkin. Trudy TGU 154 52-55 '62
- Completeness of separation of nitrosyl chloride and chlorine in a gas-liquid chromatography depending on relative content of components.** M. F. Prokop'eva, V. K. Bukina. Uzb. khim. zhur. 10 no. 1 18-21 '66

- Complex compounds of hydrochloric acid with arsenic trioxide.** P. P. Popov, S. I. Gromov, G. A. Kataev. Trudy TGU 170 161-162 '64
- Complexes of cinchonine hydrochloride with arsenic chloride.** P. P. Popov, S. I. Gromov, G. A. Kataev. Trudy TGU 170 150-160 '64
- Connection between some thermodynamic properties of silicates and fluoborates.** R. G. Gribchenchikov. Zhur. neorg. khim. 13 no. 10 2627-2633 O '68
- Corrosion of molybdenum and alloy VM-1 in fused fluorides.** V. A. Blinov and others. Trudy Inst. elektrokhim. UFN SSSR no. 9 109-116 '66
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- Determination of small concentrations of phosphorus in yttrium and gadolinium oxides of high purity.** E. S. Kostukova, I. A. B. Ralikhbaum, N. F. Volkova. Zav. lab. 34 no. 9 1070-1072 '68
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- Interaction of nitrogen tetroxide and nitrogen pentoxide with ozone.** S. Z. Makarov, T. I. Anold', I. I. Vol'nov. Izv. AN SSSR Ser. khim. no. 9 2156-2157 S '68
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- Oxidation by nitric acid of cyclohexane and cyclohexanone and also their methylated derivatives.** D. A. Akhmedzade, B. D. Tasnopol'skii, A. A. Aslanova. Azerb. khim. zhur. no. 3 24-28 '66
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- Phosphorylation of dialkylacetamides.** V. I. Shevchenko, Mukhamed El Dik, A. M. Plinichuk. Zhur. ob. khim. 38 no. 7 1527-1531 JI '68
- Physicochemical study of the system GaCl₃-FeCl₂-NaCl.** I. S. Morozov, V. L. Chatova, Zhur. neorg. khim. 13 no. 10 2810-2814 O '68
- Potentiometric noncompensation method for determining chlorides and bromides.** N. A. Ugol'nikov, Z. P. Sholokhova. Trudy TGU 154 267-270 '62
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- Reaction of chromium dichloride with sodium and calcium chlorides.** A. I. Lyetsov, N. V. Galitskii, N. I. Shcherbina. Uzb. khim. zhur. 34 no. 10 1012-1015 '68
- Reaction of nitric acid with aluminum.** N. S. Lidorenko and others. Dokl. AN SSSR 181 no. 5 1134-1137 '66
- Reaction of phosphinic acids with carbonyl compounds. Part 3. Production of mixed tertiary phosphine oxides.** V. S. Abramov, N. I. Diakonova. Zhur. ob. khim. 38 no. 7 1520-1523 JI '68
- Reaction of silicon tetrachloride with dimethylformamide.** A. A. Eusan and others. Zhur. neorg. khim. 13 no. 10 2820-2822 O '68
- Reaction of tantalum and niobium pentachlorides with sulfur, selenium, tellurium, chrome, and molybdenum chlorides.** N. D. Chikunov. Zhur. neorg. khim. 13 no. 10 2884-2886 O '68
- Reaction of titanium tetrachloride with fluorides of alkali and alkaline earth metals.** V. G. Goplenko, L. A. Pavlova. Zhur. neorg. khim. 13 no. 10 2897-2898 O '68

- Regularities in the distribution of rare earth elements between aqueous solutions of nitric acid and tributyl phosphate.** A. V. Nikolaev, A. I. Rabinin. Dokl. AN SSSR 181 no. 5 1140-1148 '68
- Simultaneous deposition of zinc and evolution of hydrogen on an uneven surface.** G. Z. Kiz'lov. Izv. AN Kazakh. SSR, Ser. khim. no. 1 49-53 '62
- Solubility in O, H₂O, solutions of hydrochloric, nitric and sulfuric acids and solubility product of arsenates of some rare earth elements.** G. I. Vasil'ev, S. P. Kazantseva, V. V. Serobrennikov. Trudy TGU 154 110-114 '62
- Solubility in the system CsCl - BiCl₃ - HCl - H₂O at 25°C.** S. B. Stelina and others. Zhur. neorg. khim. 13 no. 10 2865-2871 O '68
- Solubility in the systems KBrO₃ - CsBrO₃ - H₂O, KIO₄ - CsIO₄ - H₂O, KIO₄ - H₂O, KIO₄ - CsIO₄ - H₂O, KIO₄ - CsIO₄ - H₂O at 25°C.** A. N. Kirgintsev, N. A. Iakobi. Zhur. neorg. khim. 13 no. 10 2851-2853 O '68
- Solubility in the systems KNO₃ - CsNO₃ - H₂O - KCl - CsCl - H₂O, KBr - CsBr - H₂O, KCl - CsCl - H₂O at 25°C.** A. N. Kirgintsev, L. N. Trushnikova. Zhur. neorg. khim. 13 no. 10 2843-2847 O '68
- Solubility in the system K₂C₂O₇ - Cs₂C₂O₇ - H₂O at 25°C.** A. N. Kirgintsev, N. A. Iakobi, A. I. Vukhik. Zhur. neorg. khim. 13 no. 10 2880-2881 O '68
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- Stability of natural zeolites in hydrochloric acid.** V. I. Bogdanova, I. A. Belitskii. Geol. i geofiz. no. 4 44-53 Ap '68
- Study of solubility of NaCl - KCl - MgCl₂ - CaCl₂ - H₂O at 25°C.** A. B. Zdanovskii, I. A. Alpatov. Zhur. neorg. khim. 13 no. 10 2886-2890 O '68
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- Synthesis of organophosphorus derivatives of some heterocyclic compounds.** G. M. Kosolapov, K. Kh. Bloss, D. K. Maier. Zhur. ob. khim. 38 no. 7 1517-1520 JI '68
- Synthesis of perchloramides of some metals.** V. I. A. Rosolovskii, I. V. Kolesnikov. Zhur. neorg. khim. 13 no. 5 1260-1264 My '68
- System CsCl - Br₂ - H₂O at 25°C.** A. P. Mitonenko, and others. Zhur. neorg. khim. 13 no. 10 2816-2842 O '68
- System Na₂Br₂ - Cl₂ - H₂O at 25°C.** S. M. Arkhipov, N. I. Koshina, V. A. Kuzina. Zhur. neorg. khim. 13 no. 10 2872-2876 O '68
- Thermal distillation of arsenic trioxide.** I. A. I. Ivashentsev, O. K. Nikul'chikova, Z. I. Gmakhova. Trudy TGU 170 153-155 '64
- Thermal study of the system InCl₃ - AlCl₃ - TiCl₄.** T. N. Larionova, I. A. Logacheva. Zhur. neorg. khim. 13 no. 10 2883-2884 O '68
- Use of tributyl phosphate extraction for determining Sr⁹⁰ in bottom deposits and soils.** V. B. Stasovskii, S. N. Goncharova. Gidokhim. mat. 41 28-32 '66
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- Absorption of atomic admixtures on quantized vortices in liquid helium II.** L. S. Reut, I. Z. Fisher. Zhur. eksp. i teor. fiz. 55 no. 2 722-731 Ag '68
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- Classification of natural waters according to their chemical composition and numbers.** N. I. Tolstikhin. Izv. Zabaik. fil. Geog. ob-va SSSR 2 no. 3 13-27 '66
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- Composition of high copper compound in the system Cu₂S - Na₂S.** N. I. Kopylov. Zhur. neorg. khim. 13 no. 2804-2895 O '68
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Action of metallic sodium on trimethylethylene oxide. M. M. Movsumzade, N. G. Abdullaev. *Azerb. khim. zhur.* no. 2:67-72 '68Analysis of iron-tungsten, molybdenum-tungsten, alloys. O. I. Popova, O. G. Sorala. *Zhur. anal. khim.* 23 no. 5:791-792 My '68.Characteristics of atom distribution in liquid eutectic alloys of the system Al-Ge. I. A. I. Dutchak, V. I. Prokhorenko, O. A. Ratushnik. *Ukr. fiz. zhur.* 13 no. 5:756-759 My '68.Chronopotentiometry in deposition of metals of variable valency. A. N. Baraboshkin, N. A. Sakukova, L. T. Kosikhin. *Trudy Inst. elektrokhim. UFAN SSSR* no. 9 53-58 '68.Concentration of sulfate potassium-magnesium ores by flotation. A. A. Zheleznin. *Trudy VNIIG* no. 48 72-85 '68.Correlation between the electric conductivity and thermoelectricity of liquid metals in approximation of the theory of weakly coupled electrons. I. A. I. Dutchak, V. I. Prokhorenko. *Ukr. fiz. zhur.* 13 no. 9:1469-1493 S '68.Crystallization fields of the system As-Ge in the vitrification region. G. Z. Vinogradova, S. A. Dembovskii, N. P. Lazhala. *Zhur. neorg. khim.* 13 no. 5 1411-1450 My '68.Decomposition of limonite concentrate in the flow of dissolved ammonium chloride. I. A. I. Ivashentsev, M. A. Akhmadova. *Trudy TGU* 154 184-188 '62.Density and molar volume of melts in the system LiCl - CsCl. M. V. Smirnov, V. P. Stepanov, V. A. Kholkov. *Trudy Inst. elektrokhim. UFAN SSSR* no. 9 9-14 '68.Determination of stable potassium in soils and bottom deposits by means of optical spectra. T. N. Zhigalovskaya, P. P. Makhovko, R. I. Porvunina. *Gidrokhim. mat.* 41 10-10 '68.Diffusion coefficients of trivalent lanthanum in fused salt mixtures LiCl - KCl and LiCl - KCl + LiF. M. V. Smirnov and others. *Trudy Inst. elektrokhim. UFAN SSSR* no. 9 89-93 '68.Distribution of elements in a two-component alloy, its surface being saturated with a third component. G. V. Sheherbaidinskii, V. I. Shaidurov. *Dokl. AN SSSR* 181 no. 5:1193-1198 '68.Effect of copper and manganese on experimental rations on the immunobiological reactivity. M. G. Kolomitskaya, F. M. Voronovskaya. *Gig. i san.* 33 no. 11 31-34 N '68.Effect of selenium compounds on self-decomposition of ammonium hydrosulfite solutions. V. Zelonkaite, J. Janickis, E. Pazarauskas. *Trudy AN Lit. SSR. Ser. B* no. 2 11-18 '68.Effect of the surface phenomena on the magnitude of triboelectric charges of sylvite and halite. E. A. Smirnov, A. I. Mamedov. *Trudy VNIIG* no. 48:131-141 '68.Electric conductivity and transfer numbers in fused mixtures of LiCl - CsCl. M. V. Smirnov, V. A. Kholkov, T. A. Puzanova. *Trudy Inst. elektrokhim. UFAN SSSR* no. 9:91-98 '68.Electron diffraction study of the structures of molecules of metaborates LiBO₂ and NaBO₂ in vapors. P. A. Akishin, V. P. Spiridonov. *Zhur. strukt. khim.* 3 no. 3 267-269 My-Je '62.Experimental determination of the pressure of saturated rubidium steam. L. D. Voliak, I. U. K. Vinogradov, V. M. Anisimov. *Toplofiz. vys. temp.* 6 no. 4:754-755 Ji-Ag '68.Factors affecting the separation process of sylvite from halite in the electrostatic field. E. A. Smirnov, S. A. Dyurin. *Trudy VNIIG* no. 48:122-130 '68.Kinetics of decomposition of sodium cuprate. G. I. Rozovskii, A. I. Prokopenchik. *Trudy AN Lit. SSR. Ser. B* no. 4:11-17 '63.Kinetics of the hydrolysis of hexafluoroarsenate of ion AsF₆⁻. L. G. Ryss, V. B. Tul'chinskii, I. U. A. Mazurov. *Izv. AN SSSR* no. 7:81-86 My '68.Low temperature heat capacity and polymeric structure of sodium borate glasses. V. V. Tarasov, V. A. Turdakin. *Zhur. neorg. khim.* 13 no. 10:2651-2654 O '68.Methods for establishing forms of detection of heavy metals in natural waters. V. I. Eremenko. *Gidrokhim. mat.* 41 153-157 '66.Phase equilibria in the system K₂SO₄ - Li₂SO₄ - H₂O at high temperatures and pressures. V. M. Voloshko, M. I. Ravich. *Zhur. neorg. khim.* 13 no. 5:1426-1431 My '68.Phase equilibria in the system potassium sulfate-water at high temperatures and pressures. M. I. Ravich, F. E. Borovaya. *Zhur. neorg. khim.* 13 no. 5 1418-1425 My '68.

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- Reaction kinetics of splitting in quaternary ammonium compounds.** Part 2. A. T. Babayan and others. *Uch. zap. Erv. un.* no. 142-49 '67
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- Some characteristics of the thermal dissociation process of alkali-earth metal oxides.** V. F. Shmukov, Uki. fiz. zhur. 13 no. 9:1438-1442 S '68
- Structure of NaI and KI in methyl alcohol.** M. L. Klueva, K. P. Mischenko. *Zhur. strukt. khim.* 3 no. 3:283-286 My-Je '62
- Study of the conditions of quantitative determination of tellurium by means of ammonium tetrathioantimonogendaminechromate.** I. K. Guseinov, S. I. Bagbanly. *Azerb. khim. zhur.* no. 1:105-111 '68
- Study of the interaction of sodium chloride with double salts of the type of $\text{mNa}_2\text{SO}_4 \cdot \text{mMgSO}_4$.** A. B. Bekurov, D. Z. Sorozdinov. *Izv. AN Kazakh. SSR. Ser. khim.* no. 1:3-11 '62
- Studying the mechanism of the interaction of laurylamine with potassium minerals.** L. A. Olzordennova. *Trudy VNIIG* no. 40:22-27 '66
- Studying the transition semiconductor - metal in the system bismuth - antimony in a magnetic field.** N. B. Brandt, D. A. Svatova, R. G. Velez. *Zhur. eksp. i teor. fiz.* 65 no. 2:169-185 Ag '68
- Surface tension and density of Pd - Fe, Pd-Cr, Pd-Si liquid alloys.** V. F. Ukhov and others. *Zhur. fiz. khim.* 42 no. 10:2631-2634 O '68
- Surface tension of fused mixtures of LiCl - CaCl₂.** M. V. Smirnov, V. P. Stopyan. *Trudy Inst. elektrokhim. UFAN SSSR* no. 9-15 '66
- System CaCl₂ - H₂O at 25°C.** A. P. Mitenenko, and others. *Zhur. neorg. khim.* 13 no. 10:2838-2842 O '68
- The system K₂O - P₂O₅ - H₂O at 25°C.** L. V. Barkova, I. N. Lepeshkov. *Zhur. neorg. khim.* 13 no. 5:1432-1436 My '68
- System LiOH - NaOH - KOH - H₂O at 150°C.** I. S. Itkina, S. M. Portnova. *Zhur. neorg. khim.* 13 no. 10:2851-2860 O '68
- System LiOH - NaOH - H₂O and LiOH - KOH - H₂O at 160°C.** I. S. Itkina, S. M. Portnova, N. M. Chaplygina. *Zhur. neorg. khim.* 13 no. 5:1412-1417 My '68
- System TeCl₄ - MCl₃ (M = Sb, Bi, Mo, W, n = 3, 5, 6).** V. V. Safonov, R. G. Kozhminov. *Zhur. neorg. khim.* 13 no. 10:2864-2868 O '68
- Ternary systems MnF₂ - KF - LiF and MnF₂ - KF - RbF.** L. N. Iul'eva, O. A. Revina. *Zhur. neorg. khim.* 13 no. 10:2860-2863 O '68
- Thermal decomposition of ammonium nitrate.** G. N. Respalov, L. B. Filatova, A. A. Shiletskii. *Zhur. fiz. khim.* 42 no. 10:2823-2825 O '68
- Use of sodium nitrite in chemical analysis. Report No. 1: Amperometric titration of sulfamic acid and hydrogen peroxide by sodium nitrite on the apparatus with platinum rotating electrode.** A. K. Zhdanov, S. M. Iatradakis. *Uzb. khim. zhur.* 10 no. 1:12-17 '60
- Vapor pressure above a binary ordered alloy.** S. I. Masharov. *Zhur. fiz. khim.* 42 no. 10:212-2127 O '68
- X-ray study of the peroxide hydrate of potassium carbonate K₂CO₃ · 3H₂O₂.** V. N. Chumova, G. A. Gol'dor. *Zhur. strukt. khim.* 3 no. 2:215-216 Mr-Apr '62

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Testing the enrichment of sulfate potassium-magnesium ores of Stobnik deposit at an experimental flotation plant. A. A. Zheleznik and others. *Trudy VNIIG* no. 48:89-92 '68

549.4 Metals of the second group. Alkaline earths

- Acyl peroxides. Part 20: Reactions of propionyl and butyryl peroxides with mercury propiolates.** I. U. A. O'lekov, N. A. Muten, V. N. Pashchenyi. *Zhur. ob. khim.* 36 no. 7:1441-1446 J '68
- Analysis of zinc and lead for the content of rare earth elements.** A. P. Balanov, V. V. Serebrennikov. *Trudy TGU* 170:173-175 '64
- Atomic absorption method for the determination of mercury vapors in the air.** N. I. Petrova, N. B. Shleikher, A. Z. Ruzaylov. *Gig. i san.* 33 no. 11:44-46 N '68
- Bis(4-phenylphosphoryl) cadmium.** V. T. Bychkov and others. *Izv. AN SSSR Ser. khim.* no. 9:2141-2143 S '68
- Coefficients of the activity of beryllium in fused mixtures of BeCl₂ - CaCl₂.** M. V. Smirnov, N. A. Chukrev, V. E. Kolmarov. *Trudy Inst. elektrokhim. UFAN SSSR* no. 9:240-35 '66

- Concentration of sulfate potassium-magnesium ores by flotation.** A. A. Zheleznik. *Trudy VNIIG* no. 48:72-85 '66
- Dehydration of gypsum in sulfuric acid solutions.** A. B. Zdanovskii, G. A. Vlasov, L. I. Sotnikova. *Zhur. neorg. khim.* 13 no. 10:2154-2157 O '68
- Determination of beryllium in bronzes.** A. L. Markman, L. L. Galkina. *Uzb. khim. zhur.* 6 no. 4:5-7 '62
- Determination of impurity traces in high-purity calcium oxide.** N. M. Kuz'min and others. *Zav. lab.* 31 no. 9:1058-1060 '68
- Determination of zinc impurity in tin with the preliminary separation of zinc from tin by the method of chromatography and precipitation.** G. A. Kataev and others. *Trudy TGU* 154:278-280 '62
- Determination of zinc, lead, and copper in an high purity tin with the use of the ion exchange method.** G. A. Kataev, N. I. Dierko. *Trudy TGU* 170:76-77 '64
- Distribution of Ga in bauxites in connection with the calculation of a new value of mean content.** V. A. Tonlakov. *Dokl. AN SSSR* 181 no. 4:976-978 '68
- Effect of preliminary irradiation on the adsorption capacity of beryllium oxide.** L. G. Maidanovskaya, L. I. Bystrykh, I. M. Bystrykh. *Trudy TGU* 170:26-28 '64
- Effect of temperature treatment of magnesium oxide on its adsorption of some electrolytes.** L. G. Maidanovskaya, T. P. Chernenina, N. P. Bezrukova. *Trudy TGU* 154:174-175 '62
- Effect of the temperature on dissolution rate of mercury halides in different solvents.** G. A. Kataev. *Trudy TGU* 154:71-72 '62
- Electric conductivity of alloys in the system CdSbAs₂ - 2InAs.** S. Mamaev. *Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk* no. 4:3-7 '61
- Extraction-complexometric determination of calcium, strontium, and barium in magnesium and its compounds.** F. P. Gorbenko, E. V. Lapitskaya. *Zav. lab.* 31 no. 9:1051-1053 '68
- Extraction of alkaline earth iodides.** E. V. Lapitskaya, E. D. Kuchkina, F. P. Gorbenko. *Zhur. neorg. khim.* 13 no. 10:2774-2777 O '68
- Interaction of zinc with the mixture of carbon tetrachloride and methanol.** S. I. Gromov, G. A. Kataev. *Trudy TGU* 154:120-131 '62
- Kinetics of zinc reduction from silicate melts by carbon monoxide.** V. M. Chumakov, T. F. Vlasova. *Dokl. AN SSSR* 182 no. 1:148-150 '68
- Methods of spectral determination of stable strontium in solutions.** T. N. Zhigalovskaya, V. V. Egorov, E. P. Makhon'ko. *Gidokhim. mat.* 41:20-23 '68
- pH Value of isoelectric state of beryllium and magnesium oxides.** L. G. Maidanovskaya, V. S. Murashkina, G. V. Chirkova. *Trudy TGU* 170:78-82 '64
- Photocolorimetric determination of calcium in atmospheric waters using glyoxal-bis (2-hydroxyamyl) reagent.** F. P. Gorbenko, V. V. Sachko. *Gidokhim. mat.* 41:21-27 '68
- Polarographic behavior of the suspension of mercury iodide on platinum electrode.** V. A. Zakharov, O. A. Songina. *Izv. AN Kazakh. SSR. Ser. khim.* no. 2:53-58 '62

- Reduction of germanium by zinc amalgam in the presence of copper.** R. Sh. Nigmatova, M. T. Kozlovskii. *Izv. AN Kazakh. SSR. Ser. khim.* no. 2:38-41 '62
- Selection of optimum experimental conditions for the determination of ultrasmall concentrations of cadmium on a dropping mercury electrode using a vector-polarograph.** A. I. Kamenev, I. U. V. Granovskii, E. N. Vinogradova. *Zav. lab.* 34 no. 9:1041-1044 '68
- Simultaneous deposition of zinc and evolution of hydrogen on an uneven surface.** G. Z. Kiz'lovsk. *Izv. AN Kazakh. SSR. Ser. khim.* no. 1:49-53 '62
- Solubility of calcium sulfate at high pressures.** V. I. Mankhin. *Gidokhim. mat.* 41:102-105 '68
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- Study of thermodynamics of the system beryllium - nickel by e. m. f. method.** N. I. Kozlov and others. *Trudy Inst. elektrokhim. UFAN SSSR* no. 9:103-101 '66
- Synthesis and some properties of zinc, cadmium, and mercury tellurides.** L. A. Markovskii, G. F. Pron'. *Zhur. neorg. khim.* 13 no. 10:2840-2844 O '68
- Use of tributyl phosphate extraction for determining Sr⁹⁰ in bottom deposits and soils.** V. B. Stradomskii, S. N. Goncharova. *Gidokhim. mat.* 41:28-32 '66
- X-ray L_{II} and L_{III} - absorption spectra of the rare earth elements in oxides and hexaborides.** Report No. 1. Absorption spectra of barium, lanthanum and cerium. E. E. Vainshtein and others. *Zhur. strukt. khim.* 3 no. 2:200-207 Mr-Apr '62
- X-ray radiometric determination of zinc in pyritized ores.** L. I. Shmonina, E. V. Mager, V. P. Dranova. *Zav. lab.* 34 no. 6:681-682 '68
- Zinc basic chlorides and zinc hydroxide precipitated from aqueous ethanol solutions. The method of five variables.** V. B. Spivakovskii, G. V. Makovskaya. *Zhur. neorg. khim.* 13 no. 10:2764-2773 O '68

549.5 Copper, silver and gold group

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- Aspects of frequency drift in electron absorption spectra of transition metal compounds.** S. N. Andreev, M. F. Smirnova. *Zhur. fiz. khim.* 42 no. 10:2608-2611 O '68

- Composition of high copper compound in the system CuS₂ - Na₂S.** N. I. Kopylov. *Zhur. neorg. khim.* 13 no. 2891-2895 O '68
- Dehydration of the crystal hydrates of copper, nickel, cobalt, manganese and zinc sulfates.** A. P. Buntin, G. V. Sakovich. *Trudy TGU* 154:3-13 '62
- Dendrite crystals obtained by the electrolysis of fused salts. Part I: Copper dendrites.** N. A. Salytkova, A. N. Barabashkin, I. B. Filosofa. *Trudy Inst. elektrokhim. UFAN SSSR* no. 9:83-92 '66
- Determination of beryllium in bronzes.** A. L. Markman, L. L. Galkina. *Uzb. khim. zhur.* 6 no. 4:5-7 '62
- Determination of iron in acid copper sulfate solutions.** R. Samuilis, E. Jasinskiene, J. Matulis. *Trudy AN Lit. SSR. Ser. B* no. 2:27-34 '65
- Determination of zinc, lead, and copper in an high purity tin with the use of the ion exchange method.** G. A. Kataev, N. I. Slezko. *Trudy TGU* 170:76-77 '64
- Effect of porosity in spectral determination of copper in iron-base ceramite products.** V. M. Plotnikskii, A. N. Rudol. *Zav. lab.* 34 no. 9:1090 '68
- Formation of sodium cuprate on platinum and copper anodes.** G. I. Rozovskii. *Trudy AN Lit. SSR. Ser. B* no. 4:18-29 '63
- On the mechanism of Ag₂O reduction in alkali.** V. P. Galushko, E. F. Zaygorodnaya, I. U. P. Rodak. *Ukr. khim. zhur.* 34 no. 10:1075-1078 '68
- Passivation of copper in solutions of electrodeless copper plating.** A. Vankelis. *Trudy AN Lit. SSR. Ser. B* no. 4:3-9 '66
- Phase analysis of copper compounds using unkhilol.** Kh. K. Ospanov, N. I. Tembo. *Zav. lab.* 34 no. 6:662-665 '68
- Physicochemical study of the structure of chelate compounds of Cu²⁺ with azo- and azomethine ligands.** V. A. Kogan and others. *Zhur. ob. khim.* 36 no. 7:1607-1614 J '68
- Problem of extrastabilization of complex compounds of transition metals.** A. N. Andreev, M. F. Smirnova. *Zhur. ob. khim.* 38 no. 7:1438-1441 J '68
- Reaction of copper and nickel glycocholates with acetone.** M. V. Artemenko, K. F. Silasarenko. *Zhur. neorg. khim.* 13 no. 10:2701-2707 O '68
- Reaction of sodium thiosulfate with copper (I) iodide and thiocyanate.** E. A. Glimmer, N. D. Iankind. *Zhur. neorg. khim.* 13 no. 10:2756-2763 O '68
- Sorption of cobalt, nickel, copper and zinc by humic acids of lake sludges (sapropels).** A. I. Mun, R. A. Kirisova, A. B. Bekurov. *Izv. AN Kazakh. SSR. Ser. khim.* 16 no. 1:3-9 Ja-Mr '66
- Spectrophotometric determination of copper with picramine P.** V. I. Bogdanova, I. U. M. Dadov. *Zav. lab.* 31 no. 6:688-690 '68
- Spectrophotometric study of the reaction of Cu(II) with pyrogallol red.** E. A. Bashirov, M. K. Akmedli, T. E. Abdullayeva. *Azerb. khim. zhur.* no. 2:122-124 '68
- Study of electrodeposition of copper from pyrophosphate solutions.** R. Silys, V. Skominas, R. Visomirskis. *Trudy AN Lit. SSR. Ser. B* no. 4:49-54 '66
- Synthesis of some complexes of cellulose with copper and rhodanines.** G. K. Stergila and others. *Uzb. khim. zhur.* 10 no. 1:35-38 '60

549.6 Metals of the third group

- Amperometric titration of tetravalent cerium by solutions of some reducers.** A. K. Zhdanov, T. M. Blazanova. *Uzb. khim. zhur.* 8 no. 4:18-29 '62
- Analysis of zinc and lead for the content of rare earth elements.** A. P. Balanov, V. V. Serebrennikov. *Trudy TGU* 170:173-175 '64
- Arsenides of lanthanum, cerium, praseodymium, and neodymium.** G. I. Vasil'ev, V. V. Serebrennikov. *Trudy TGU* 154:115-118 '62
- Chemical-analytical photographic determination of Ni, Co, Ag, Cu, V, Bi, Pb, Mn in natural and polluted waters in the presence of milligram amounts of iron and aluminum.** V. A. Bilenko, T. O. Goncharova. *Gidokhim. mat.* 41:33-35 '66
- Complex phosphate and silicate-apatite of calcium and lanthanides.** N. A. Tolopov, M. V. Kougila. *Dokl. AN SSSR* 182 no. 3:614-616 '68
- Compounds of scandium oxide with hafnium dioxide.** L. N. Komissarova, F. M. Spiridonov. *Dokl. AN SSSR* 182 no. 4:834-837 '68
- Content of thallium and gallium in formation waters, oils and rocks.** A. I. Nuriev, G. Kh. Efendiev. *Azerb. khim. zhur.* no. 2:112-116 '60
- Dehydration of butyl alcohols and isomerization of butene on aluminum oxide A-1.** I. I. Psh'man and others. *Azerb. khim. zhur.* no. 1:71-81 '66
- Density and molar volume of melts in the system LiCl - CaCl₂.** M. V. Smirnov, V. P. Stopyan, V. A. Khokhlov. *Trudy Inst. elektrokhim. UFAN SSSR* no. 9:1-14 '66
- Determination of small concentrations of phosphorus in yttrium and gadolinium oxides of high purity.** E. S. Kostukova, I. A. D. Rakhmanov, N. E. Volkova. *Zav. lab.* 34 no. 9:1070-1072 '68
- Determination of the rare earth elements by the method of radiometric titration using oxalic acid.** M. B. Mar'janov, V. V. Serebrennikov. *Trudy TGU* 154:256-258 '62

Diffusion coefficients of trivalent lanthanum in fused salt mixtures LiCl - KCl and LiCl - KCl + LiF. M. V. Smirnov and others. *Trudy Inst. elektrokhim. UFAN SSSR* no. 9:59-63 '66

- Direct complexometric titration of trivalent thallium in the presence of 7-(2-naphthyl-azo-5, 7-disulfo)-8-hydroxy-quinoline-5-sulfonic acid as indicators. A. I. Busev, L. L. Talipova. *Uzb. khim. zhur.* 6 no. 3 24-30 '62.
- Dispersion curves for Nd^{3+} and Sm^{3+} relative to La^{3+} in aqueous solutions of chlorides. R. M. Shurukova. *Dokl. AN SSSR* 182 no. 1 88-92 '68.
- Effect of the conditions of precipitation and aging on the phase composition of aluminum hydroxide deposits. V. P. Chilyi, Z. I. A. Makarova. *Ukr. khim. zhur.* 34 no. 10 997-1000 '68.
- Effect of true and colloidal solutions of silicon and aluminum compounds on thixotropic structure formation in the suspension of askanite gel. S. N. Papunashvili. *Trudy Inst. khim. AN Gruz. SSR* 15 93-101 '61.
- Electric conductivity of aqueous solutions of the sulfates of rare earth elements with alkali metal sulfates. G. N. Sukhikh, V. V. Sechenov. *Trudy TGU* 170 133-138 '64.
- Electric conductivity of solid oxides. Part II. System of $\text{La}_2\text{O}_3 - \text{CaO}$. S. P. Paltuev, Z. S. Volchenkova. *Trudy Inst. elektrokhim. UFAAN SSSR* no. 9 133-138 '66.
- Electrode processes in lanthanum electrolysis in fluoride-chloride melts. I. U. N. Khasnov and others. *Trudy Inst. elektrokhim. UFAAN SSSR* no. 9 65-71 '66.
- Electrolytic oxidation and reduction of cerium compounds. V. V. Serebrennikov and others. *Trudy TGU* 154:137-139 '62.
- Extraction of aluminum fluoride complexes by means of *n*-dodecylamine. L. A. Shchuk, N. A. Skripnik. *Ukr. khim. zhur.* 34 no. 10 1083-1086 '68.
- Extraction of gadolinium, dysprosium, and holmium by trialkylphosphine oxide. Report No. 2. I. N. Popkov and others. *Ukr. khim. zhur.* 34 no. 10 1066-1068 '68.
- Flame-photometric determination of some alkali and alkaline earth elements in the surface waters. G. A. Seredina and others. *Gidrokhim. mat.* 41 6-15 '60.
- Gas concrete based on dispersed aluminum powder. D. D. Dzhibigis, E. P. Sidorov. *Izv. AN Turk. SSR, Ser. fiz.-tekhn. khim. i geol. nauk* no. 4 110-112 '64.
- Higher neodymium ethylenediaminetetraacetates. L. I. Martynenko, G. A. Artukhina, V. I. Spitsyn. *Dokl. AN SSSR* 182 no. 3 600-603 '68.
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S. V. Pigulevskii, Uch. zap. kaz. ped. inst. 5:146-151 '68

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G. T. Shvalov, Vest. sel'khoz. nauki (Kazakh) II
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V. A. Trilapshyn, Ent. oboz. 47 no. 3 454-467 '68

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613.6 (471.01)—Rostov Province

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613.6 (477.0)—Crimea

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613.6 (57)—Asiatic U. S. S. R.

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613.6 (571.17)—Kemerovo Province

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613.6 (575.2)—Kirghiz S. S. R.

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613.8 Nervous and mental hygiene. Health and addictions, morals, behavior

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614 (479.24)—Azerbaijan S. S. R.

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614 (571.14)—Novosibirsk Province

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614.2 Official and professional organization

Effect of the wastes of a cement plant on the health of the population. P. G. Tkachev, I. A. I. Lipskii. Sbor. nauch. trud. Novosib. NI san. inst. 15:58-58 '65.

Medico-revolutionaries in fine arts. E. F. Murav'eva. Voen.-med. zhur. no. 10:83-84 O '68.

614.2 (Continued)

On the 50th anniversary of Soviet public health. A. I. Serebrov. Vop. onk. 14 no. 0-3-5 '68.

Scientific research work and its aspects in a department of communal hygiene. P. G. Tkachev. Sbor. nauch. trud. Novosib. NI san. inst. 15 51-56 '68.

Structure of the input of a doctor's work time at a rural district hospital. A. K. Khristukhin. Zdrav. Ros. Fed. 12 no. 10-28-32 O '68.

614.2(471.323)—Kursk Province

Experience in increasing the qualifications of physicians in Kursk Province. I. F. Kolesnikov, I. I. I. Baidakov. Zdrav. Ros. Fed. 12 no. 10-35-37 O '68.

614.7 Air, soil and water hygiene and sanitation. Pollution. Drainage

Air pollution on main highways with photooxidation agents at the level of different floors of apartment houses. M. G. Fed'nan, B. B. Lampert. Gig. i san. 33 no. 11 89-91 N '68.

Air pollution on the territory of a modern petroleum refinery. V. A. Pollanskii, A. N. Muser'skaya, N. E. Nesterova. Gig. i san. 33 no. 11 24-27 N '68.

All-Union conference on hydroecology, held in Moscow. N. S. Stogovan. Vest. AMN SSSR 28 no. 5 131-135 M '68.

Atomic absorption method for the determination of mercury vapors in the air. N. I. Petrova, N. B. Shleikher, A. Z. Haziapov. Gig. i san. 33 no. 11 44-46 N '68.

Bacteria trap. S. S. Berl'menskii. Gig. i san. 33 no. 11 42-44 N '68.

Basic statutes with regard to air ventilation and heating of shipbuilding docks. O. N. Timofeeva. Nauch. rab. inst. okhr. trud. VTSSPS no. 40-3-11 '67.

Characteristics of Bako centrifugal separator. G. A. Iofinov. Nauch. rab. inst. okhr. trud. VTSSPS no. 40-15-10 '67.

Characteristics of the reflex action of subthreshold concentrations of sulfuric anhydride combined with phenol and carbon monoxide in the air. E. V. Efimova, M. Kh. Khachatryan. Gig. i san. 33 no. 11 3-6 N '68.

Comparative testing of cyclones of three designs. G. IOT-U, T. N. ILM and "MATRESHIKI". S. V. Iakovleva. Nauch. rab. inst. okhr. trud. VTSSPS no. 44-23-26 '68.

Concerning "I. S. Gaidukova's article "Noxious properties of synthetic surface-active substances". A. G. Sergeev, I. V. Novikov. Gig. i san. 33 no. 11 79-80 N '68.

Condition of air medium in the shops of an electrode plant and measures for its improvement. B. I. Val'sman. Nauch. rab. inst. okhr. trud. VTSSPS no. 40-10-26 '67.

Determination of methyl bromide in the air. V. A. Vinogradova. Sbor. nauch. trud. Novosib. NI san. inst. 15 12-13 '68.

Determination of the content of mequidine in the air. V. A. Vinogradova. Sbor. nauch. trud. Novosib. NI san. inst. 15 15-17 '68.

Determining the admissible limit of resistance to breathing in anti-dust respirators. S. L. Kaminskii. Nauch. rab. inst. okhr. trud. VTSSPS no. 44-54-63 '68.

Determining the dust factor in mining and processing of flux limestone. K. N. Todorova. Nauch. rab. inst. okhr. trud. VTSSPS no. 46-46-52 '67.

Determining the oil aerosol in the air. B. E. Andronov. Nauch. rab. inst. okhr. trud. VTSSPS no. 44-92-05 '68.

Determining the optimum distance between two-story aluminum electrolysis buildings. N. V. Akichev. Nauch. rab. inst. okhr. trud. VTSSPS no. 44-3-12 '66.

Dust removal from air and gas with the aid of Venturi scrubbers. D. V. Koplev. Nauch. rab. inst. okhr. trud. VTSSPS no. 44-98-102 '68.

Dust removal in the course of technological processes at the Bachtinskii Mining and Metallurgical Combine. Sh. E. Chl'ashvili, Z. P. Mirotdrova, T. L. Gelashvili. Nauch. rab. inst. okhr. trud. VTSSPS no. 44-19-22 '68.

Effect of diphenylpropane on the organoleptic properties of water and sanitary handling of water reservoirs. L. A. Budeck, I. N. Kharchenko. Sbor. nauch. trud. Novosib. NI san. inst. 15 60-64 '68.

Experimental checking of testing methods for dust separators. V. T. Samsonov. Nauch. rab. inst. okhr. trud. VTSSPS no. 43-13-21 '68.

Experimental data on the effect of epichlorohydrin and diphenylpropane on the animal organism. V. N. Iedienina. Sbor. nauch. trud. Novosib. NI san. inst. 15 64-68 '68.

Hygienic characteristics of waste water in the production of ion exchange resin AB-7. M. M. Tsyf'movich and others. Sbor. nauch. trud. Novosib. NI san. inst. 15 58-60 '68.

Hygienic substantiation of the withdrawal of bronze foundries from residential zones of cities. V. E. Polink, V. I. Gromov. Gig. i san. 33 no. 11 87 N '68.

Investigating chemical sorption methods of acetylene recovery. A. Kh. Mel'nikov, A. I. Bulycheva, L. A. Grebenikova. Nauch. rab. inst. okhr. trud. VTSSPS no. 44-80-92 '66.

Methods of air distribution in the ventilation and heating systems of a complex shipbuilding shop. O. N. Timofeeva. Nauch. rab. inst. okhr. trud. VTSSPS no. 43-21-32 '68.

Pollution of reservoirs and water supply sources with pesticides. K. K. Brochinskii, S. S. Grebenik, A. I. Bur'shtein. Gig. i san. 33 no. 11 69-72 N '68.

Pollution of water reservoirs from pollution with paint and main-oreals. M. A. Pavlenko, V. A. Kuznetsova. Sbor. nauch. trud. Novosib. NI san. inst. 15 71-74 '68.

Spectrophotometric determination of resorcinol and hydroquinone in the air. I. A. Guseinov. Gig. i san. 33 no. 11 46-48 N '68.

Study of the composition of exhaust gases as air pollutants. M. T. Dmitriev, N. A. Kitronskii. Gig. i san. 33 no. 11 48-54 N '68.

Substantiation of the maximal permissible concentration of mesidine in the air of workshops. V. N. Fedianina and others. Sbor. nauch. trud. Novosib. NI san. inst. 15 20-24 '68.

Unit for removal of dust and shavings by suction from lathes. D. V. Koplev. Nauch. rab. inst. okhr. trud. VTSSPS no. 40-73-75 '67.

Ventilation during painting of exterior surfaces of aircraft. T. A. Fin'kovskaya. Nauch. rab. inst. okhr. trud. VTSSPS no. 44-12-19 '66.

614.7(282.24)—European rivers

Aspects of sanitary protection of the Samara River in connection with the development of coal mining in the western region of the Donets Basin. V. V. Mazarenko. Gig. i san. 33 no. 11 85-86 N '68.

614.7(437)—Czechoslovakia

Air pollution with discharges from coke oven banks in metallurgical combines of Czechoslovakia. Václav Masek. Gig. i san. 33 no. 11 72-79 N '68.

614.7(471.66)—Chechen-Ingush A. S. S. R.

Pollution of the Sunzha River with 3,4-benzopyrene from the petrochemical industry enterprises of Groznyy. L. N. Samoilovich, I. U. R. Red'kin. Gig. i san. 33 no. 11 8-9 N '68.

614.7(477.9)—Crimea

Effect of weather factors on the content of sea chlorides in the air of Yalta. K. S. Zverev, G. D. Latyshev. Vop. kur., fizioter. i lech. fiz. kul't. 33 no. 5 463-465 S-O '68.

614.7(571.11)—Kurgan Province

Experiments on air sterilization conducted by the Kurgan Plant for medicinal preparations. D. S. Kozlenko, Khim., farm., zhur. 2 no. 7 46-47 JI '68.

614.7(575.1)—Uzbek S. S. R.

Activities of the sanitary service of Tashkent in the period of elimination of the consequences of the 1966 earthquake. S. L. Dubrovskii. Gig. i san. 33 no. 11 87-89 N '68.

614.8 Accidents: prevention, protection, safety

Accelerated determination of durability and parameters of neon lighting. V. S. Litvinov, V. A. Baikova. Nauch. rab. inst. okhr. trud. VTSSPS no. 43-57-60 '66.

Character, causes and prevention of automotive accidents at construction sites. A. N. Salits. Ortop., travm., i protez. 29 no. 8-41-45 Ag '68.

Court practice in the examination of cases concerning the violation of regulations on industrial safety and accident prevention. Btvl. Verkh. Suda no. 1 30-32 '68.

Distribution of electric and magnetic fields under super-high-voltage de power transmission lines. S. A. Lobedev. Nauch. rab. inst. okhr. trud. VTSSPS no. 44 27-34 '66.

Experience in decreasing occupational traumatism in Novosibirsk Electric Locomotive Manufacturing Plant. V. M. Kravtsov. Zdrav. Ros. Fed. 12 no. 10 11-12 O '68.

For the sake of our recreation. V. K. Gusev. Gor. khoz. Mosk. 42 no. 9-31 S '68.

Individual means of protection against the Jyvtol-3 fluid during the operation of high-capacity steam turbines. M. I. Brannina. Nauch. rab. inst. okhr. trud. VTSSPS no. 44-68-72 '67.

Main distinctions of the new statute relating to investigations and tabulation of accidents in the industry. A. F. Vinov. Nauch. rab. inst. okhr. trud. VTSSPS no. 43-100-111 '68.

The new State Standard "Abrasive cutting tool. Regulations and standards for safe operation." G. S. Vil'ner. Nauch. rab. inst. okhr. trud. VTSSPS no. 46-113-118 '67.

Prevention of cold injuries following shipwrecks. G. N. Klimovich. Voen.-med. zhur. no. 10-69-70 O '68.

Problems of radiation safety arising during charging and operation of large-capacity chemical gamma-radiation installations. E. D. Chistov and others. Nauch. rab. inst. okhr. trud. VTSSPS no. 46-27-37 '67.

Protection of personnel working in surroundings with high voltage fields. E. I. Penovich, N. M. Cheanokov. Elek. sta. 39 no. 9 61-65 S '68.

Rules relating to the protection against static electricity and secondary manifestations of lightning in the industry. Nauch. rab. inst. okhr. trud. VTSSPS no. 46-96-113 '67.

Trigonometric method of processing statistical information on work-connected injuries. Antoni Gilevich. Nauch. rab. inst. okhr. trud. VTSSPS no. 43-93-87 '66.

Use of modern fire fighting techniques in power engineering enterprises in the Ukraine. I. S. Balbuz. Elek. sta. 39 no. 9-92 S '68.

Weekdays of the fire department. S. I. A. Farbrovich. Gor. khoz. Mosk. 42 no. 8-43-44 Ag '68.

614.8(41)—United Kingdom and Northern Ireland

Industrial traumatism in the chemical industry in England. V. P. Kritskii, L. V. Shustova. Nauch. rab. inst. okhr. trud. VTSSPS no. 43-97-103 '68.

614.8(571.16)—Tomsk Province

Our common cause. I. Vorob'ev. Ochr. truda i zots. strakh. 11 no. 10-11 O '68.

614.89 Protective clothing

Classification of special clothing according to protective properties. M. E. Tsutskov, A. A. Subbotin, K. Z. Matrosova. Nauch. rab. inst. okhr. trud. VTSSPS no. 44 69-70 '68.

Overall method of evaluating water-repellent cotton fibers used in special clothing. V. I. Davydov, O. K. Krauze. Nauch. rab. inst. okhr. trud. VTSSPS no. 43 61-71 '68.

615 Pharmacy. Pharmacology. Toxicology

[Pharmacology, Chemotherapeutics, Toxicology] Ref. zhur., Farm. Khimioterap. sred. Toks. no. 9 S '68.

615.2 Inorganic materia medica

Dynamics of tubercular concentration in the blood plasma during total curarization. V. A. Svetlov. Vest. AMN SSSR 23 no. 10 24-34 '68.

Effect of depolarizing muscle relaxants in oncological patients. T. M. Darbinian, L. A. Vaisberg. Vest. AMN SSSR 23 no. 10 15-20 '68.

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Experience in the use of Vorotnikov's method of aminazine electrophoresis in neurosclerosis with sleep disorders. A. P. Moshkin. Vop. kur., fizioter. i lech. fiz. kul't. 33 no. 5 460-461 S-O '68.

Hazards and complications connected with the use of muscle relaxants. V. A. Mikhel'son. Vest. AMN SSSR 23 no. 10-38-43 '68.

Organospecific effect of exogenous ribonucleic acid on protein biosynthesis in bone tissue of experimental animals. A. M. Belova. Ortop., travm., i protez. 29 no. 11-25-31 N '68.

Use of myorelaxants for anesthesia in infants with congenital cardiac defects. V. A. Kovarsky, F. F. Beloliatsev. Vest. AMN SSSR 23 no. 10-3-15 '68.

615.3 Organic materia medica

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Authenticity of the Mantoux reaction 1:2,000 for the detection of tuberculosis infection among adults. A. Reinvald and others. Probl. tub. 43 no. 12-16-19 '65.

Changes in the blood coagulation factors and in the natural coagulants of dry plasma during storage. A. P. Kuchuk. Probl. gemat. i perel. krovi 10 no. 8-42-45 Ag '65.

Characteristics of anesthetics in surgery on patients treated with adrenal hormone preparations. E. V. Merkulova. Anesth. i gin. 41 no. 4-128-130 JI-Ag '65.

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Comparative evaluations of blood transfusion methods. A. N. Filatov, N. G. Karashevskii, V. A. Kuz'min. Vest. khir. 101 no. 8-48-53 Ag '68.

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Development of methodology of peritoneal dialysis with kanamycin in diffuse peritonitis. V. D. Fedorov and others. Khirurgiya 44 no. 9-54-60 S '68.

Dynamics of morphological changes in crushed cartilage in experimental autotransplantation. L. E. Tetulina. Sbor. nauch. rabot. Arkhang. gos. med. inst. 1-314-310 '64.

Effect of bearberry decoction on *Lambia* in white mice. E. V. Sorochenko. Sbor. nauch. rabot. Arkhang. gos. med. inst. 1-303-308 '64.

- Effect of cholesterol on interreceptive unconditioned metabolic reflexes under normal temperature conditions and in hypothermia. V. G. Dzhavadian, R. V. Nasirova. Trudy sekt. fiziol. AN Azerb. SSR 0 37-41 '67.
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- 615.4 Practical pharmacy. Medicines. Instruments
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- Area of the lead electrode plate for galvanization. I. E. Varin, V. N. Darkashevich. Vop. kur., fizioter. i lech. fiz. kul't. 33 no. 5 458-459 S-O '68.
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- Device for the registration of physiological processes on magnetic tape. V. P. Gundarov. Nov. med. prib. no. 1 43-47 '67.
- Electrolytic disorders of myocardial electrodes during prolonged cardiac stimulation, and ways to eliminate them. N. S. Dzhavadian, A. K. Daniel'son. Grud. khir. 7 no. 3 54-60 My-Je '65.
- Fibrosis, hazards and complications in the use of suturing apparatus. I. I. A. Giltman, B. G. Goldina, V. S. Gutkin. Trudy VNIKHAI no. 7 88-109 '67.
- Fixation devices developed by the All-Union Scientific Research Institute of Surgical Instruments and Apparatus, and their use in the treatment of fractures of the condyles of the tibia. I. M. Bezukhov, G. M. Bedizhch. Trudy VNIKHAI no. 7 117-125 '67.
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- Stability of papaverine hydrochloride solution. V. I. A. Tikhomirova. Khim. - farm. zhur. 2 no. 7 50-52 Ji '68.
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- 615.4 (640)—India
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616.2(477.9)—Crimea

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616.2(497.2)—Bulgaria

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- Heterotopias. V. I. Korotkiy, Klin khir. no. 6 41-46 Je '68.
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- Operations for the construction of a direct anastomosis in esophageal atresia in newborn infants. A. A. Vanian, Vest. khir. 101 no. 8 103-104 Ag '68.
- Paraneoplastic jaundice in surgical clinical practice. B. S. Rozanov, Z. A. Topchashvili, Khirurgia 44 no. 8 47-51 Ag '68.
- Pathomorphology of Boikin's disease based on observations during 1957-1959. N. A. Luliyak, Shor. nauch. rabot. Arkh. anat., gist. i embr. 55 no. 8 328-335 '64.
- Phosphorus metabolism in rat liver affected by CCl₄. Z. S. Tepikina, Trudy Tadzh. med. inst. 76 81-88 '67.
- Postganglionic neurotomy in chronic alginate pancreatitis. A. V. Smirnov, I. U. N. Gofman, Khirurgia 44 no. 8 80-88 Ag '68.
- Prevention and treatment of postsurgical adhesions in organs of the abdominal cavity. F. A. Zhuk, Klin khir. no. 6 47-52 Je '68.
- Prevention of recurrences and metastases in operations on large intestine and rectum for cancer. S. A. Kholidin, Khirurgia 44 no. 8 132-135 Ag '68.
- Prevention of recurrences of pathological adhesions. I. U. M. Dedeer, Klin khir. no. 6 52-58 Je '68.
- Radical operations on the stomach. V. A. Ivanov, V. A. Goldin, Khirurgia 44 no. 8 69-72 Ag '68.
- Radiotherapy in esophageal cancer. A. I. Ruderman, Khirurgia 44 no. 8 25-28 Ag '68.
- Reactivity of SH-groups in the protein fraction of the liver, containing the enzymatic system of acetylation, following the introduction of CCl₄. A. E. Grebennikova, Trudy Tadzh. med. inst. 76 65-69 '67.
- Renal lesions in acute pancreatitis: a review of Soviet and foreign literature. V. M. Lashchevskiy, Vest. khir. 101 no. 8 126-130 Ag '68.
- Repeated emergency laparotomy following abdominal peritoneal and abdominal operations for cancer of the rectum and large intestine. A. N. Ryzhikh, I. U. M. Militarev, Khirurgia 44 no. 9 21-27 S '68.
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- Resection of the right lobe of the liver: report on 12 operations. J. L. Lortat-Jacob, F. Fekete, R. Glial, Khirurgia 44 no. 8 19-25 Ag '68.
- Roots of the human lymphatic system in chronic plethoria and cirrhosis. E. G. Bolko, Arkh. anat., gist. i embr. 55 no. 8 63-67 '68.
- Seasonal periodicity and course of gastric ulcer in the workers of Caspian steam navigation. T. M. Danilov, A. G. Askarov, Azerb. med. zhur. 45 no. 9 48-52 S '68.
- Some current problems in treating the sequelae of chemical burns of the esophagus and their complications. G. G. Schneider, Khirurgia 44 no. 9 109-111 S '68.
- Some problems in the diagnosis and treatment of acute intestinal invagination in infants. V. S. Topuzov, Klin khir. no. 6 18-21 Je '68.
- State of the biliary tract in epileptics at various stages of the disease. N. M. Solohub, N. A. Sofienko, A. II. Sarkisova, Fiziol. zhur. (Ukr.) 14 no. 5 639-645 S-Q '68.
- Strangulation of the appendix and vermiform process in a left inguinal hernia in a 2-year-old child. V. G. Gladun, Klin khir. no. 6 68 Je '68.
- Stricture of the linea alba in the light of the pathogenesis of epigastric hernias. E. I. Gromova, Shor. nauch. rabot. Arkh. anat., gist. i embr. 55 no. 8 267-269 '64.
- Study of the processes of cutting the tissues of the alimentary canal. G. V. Astafeyev, Trudy VNIKHAI no. 7 40-50 '67.
- Surgical tactics in acute and chronic diseases accompanied by diabetes mellitus. I. V. Kuleshov, Khirurgia 44 no. 9 81-86 S '68.
- Surgical decompression in intestinal obstruction originating in the large intestine. O. I. Vinogradov, Khirurgia 44 no. 8 135-139 Ag '68.
- Surgical treatment of late complications following resection of the stomach. A. A. Rusanov, Khirurgia 44 no. 8 72-78 Ag '68.
- Surgical treatment of rectal cancer in elderly patients. A. I. Khochimov, V. I. Golobinskiy, V. M. Chashin, Khirurgia 44 no. 8 129-132 Ag '68.
- Synchronous extirpation of the rectum for cancer. A. M. Ryzhikh and others, Khirurgia 44 no. 8 122-129 Ag '68.
- Tactics and methods of X-ray examination in esophagogastric and esophagobronchial fistulas. I. Kh. Babkin and others, Azerb. med. zhur. 45 no. 9 82-85 S '68.
- The tetany syndrome. V. G. Bagilina, Vest. khir. 101 no. 8 120-121 Ag '68.
- Treatment of cicatricial stenoses of the anastomosis following resection of the cardia or total gastrectomy. V. I. Plotnikov, Vest. khir. 101 no. 8 1-8 Ag '68.
- Treitz's hernia combined with inflammatory tumor of the mesentery of the small intestine. P. P. Zinov'ov, A. V. Kurovskiy, Khirurgia 44 no. 9 134 S '68.
- Vessels of the small intestine in rabbits following its lesion by metastases of the Brown-Pearce tumor. B. I. Rassokhina-Volkova, Arkh. anat., gist. i embr. 55 no. 8 75-78 '68.

616.3(211)—Cold frigid regions

Pathomorphology of the nervous system during poliomyelitis in infants under the conditions of the North. N. A. Luliyak, Shor. nauch. rabot. Arkh. anat., gist. i embr. 55 no. 8 342-352 '64.

616.3(471.1)—Northern R. S. F. S. R.

Intestinal Protozoa in the population of the Republic of Sakha (Yakutia) of the Nentsa National Area. T. V. Sorochenko, Shor. nauch. rabot. Arkh. anat., gist. i embr. 55 no. 8 139-145 '64.

616.314 Teeth. Dentistry. Odontology

Pathology of the dentition of the lower wisdom teeth. L. N. Katsanova, Shor. nauch. rabot. Arkh. anat., gist. i embr. 55 no. 8 288-296 '64.

616.4 Hemopoietic, lymphatic, endocrine systems

- Adrenocortical function in suppurative peritonitis. I. I. Skutin, A. B. Polozov, Khirurgia 44 no. 9 41-48 S '68.
- Biological potentials of the skin in patients with multiple sclerosis. K. A. Dzhabarov, Dokl. AN Azerb. SSR 24 no. 7 83-86 '68.
- Changes in the intragastric lymphatic system of the human stomach following its lesion by a cancerous neoplasm. E. B. Saf'yanovskaya, Arkh. anat., gist. i embr. 55 no. 8 70-75 '68.
- Characteristics of the course of infectious anemias following the removal of the spleen in rats with different types of their nervous systems. S. I. Vovk, Zh. A. Kruchenko, Vyssh. nerv. deut. v norm. i patol. 2 134-140 '67.
- Chyle reflux and chyluria. A. A. Troshkov, D. D. Zorbino, Khirurgia 44 no. 9 111-115 S '68.
- Clinical aspects and pathology of thymic tumors and cysts. I. A. L. Rapoport, R. S. Kolesnikova, Giid. khir. 7 no. 3 93-99 My-Je '65.
- Clinicopathological evaluation of enlarged mediastinal lymph nodes in pulmonary cancer. I. S. Kolesnikova and others, Vop. onk. 14 no. 8 46-49 '68.
- Effect of fractional betatron irradiation on intragastric lymph vessels of the stomach and intestines. V. A. Chernova, G. K. Doroshko, A. P. Gurechikov, Arkh. anat., gist. i embr. 55 no. 8 133-136 '68.
- Effect of 6-methylthiourea on changes in the cholinesterase activity of blood cells and plasma in dogs with different topological characteristics of the higher nervous activity. H. K. Tropnikova, Vest. AN SSSR, Ser. biol. nav. no. 1 67-68 '68.
- Endocrine disorders occurring after massive hemorrhaging during labor. S. P. Pasha, Akush. i gin. 41 no. 4 102-106 Ji-Ag '68.
- Formation of a collateral lymph flow in surgical treatment of portal hypertension and cirrhosis of the liver. I. A. Maksimov, Arkh. anat., gist. i embr. 55 no. 8 79-84 '68.
- Function of the adrenal cortex in endarteritis obliterans and the dynamics of its changes under some methods of treatment. Z. M. Mamadov, F. M. Mir-Salimov, Azerb. med. zhur. 45 no. 9 3-7 S '68.
- Functions of the sexual glands in women of childbearing age suffering from uterine myoma. N. A. Kalantanova, Akush. i gin. 41 no. 5 46-51 S-Q '68.

616.4 (Continued)
 Health and development of children borne of mothers with thyrotoxicosis. O I Orlova, Akush. i gin. 11 no. 4:61-65 JI-Ag '65.
Morphological and functional changes in the lymphatic system of the pelvic extremity in dogs following its replantation and at separate stages of this operation. G. S. Saliukova, I. D. Kirpatovskii, K. V. Papadato. Arkh. anat., gist. i ombr. 55 no. 8:57-64 '68.
Operations in grave forms of elephantiasis. I. V. Orlov. Vest. khir. 101 no. 8:103-106 Ag '68.
Roots of the human lymphatic system in chronic plethora and cirrhosis. E. G. Bolko. Arkh. anat., gist. i ombr. 55 no. 8:53-57 '67.
Significance of the varied lymph outflow from the cervix uteri and corpus uteri in metastatic cancer. F. V. Antipova. Akush. i gin. 41 no. 5:103-106 S-O '65.
Myxoid amyloidosis. V. V. Odnokova, A. P. Kalinin, Azerb. med. zhur. 15 no. 8:74-78 S '68.
Thyrotoxicosis and pregnancy. T. P. Barakhtova, E. A. Andreeva. Akush. i gin. 41 no. 5:66-60 JI-Ag '65.
Treatment of closed lesions of the spleen in children. E. I. Finkel'son, S. P. Mitronov. Vest. khir. 101 no. 8:92-95 Ag '68.
X-ray morphology of the breast in different diseases. K. M. Gavrilova, Sbor. nauch. rabot. Arkh. gos. med. inst. 1:280-287 '64.

616.5 Dermatology

Case of extensive skin necrosis following subcutaneous administration of 5% glucose with adrenalin. A. E. Bezuglyi. Klin. khir. no. 6:70 Je '68.
616.6 Urology
Acute renal insufficiency in crush syndrome. A. IA. Pytel, I. N. Kuchinskii. Khirurgia 44 no. 8:95-99 Ag '68.
Unilateral closed wound of the kidneys complicated by subrenal obstructive anuria. IA P. Melamed. Klin. khir. no. 6:74-75 Je '68.
Case of a complete vesicourethral fistula. R. P. Tasits. Klin. khir. no. 6:68-71 Je '68.
Characteristics of pathogenesis, morphology, and clinical aspects of renal tumors in children. M. V. Pirovich. Klin. khir. no. 8:10-44 Je '68.
Collagen disease and pregnancy. I. P. Tumanov. Akush. i gin. 41 no. 4:142-143 JI-Ag '65.
Course and outcome of pregnancy and labor in hydromegaly. I. A. Romm. Akush. i gin. 41 no. 4:37-41 O-Ag '65.
Course of pregnancy and labor in renal tuberculosis. R. K. Nersisyan. Akush. i gin. 41 no. 4:31-36 JI-Ag '65.
Dynamics of the content of 17-ketosteroids in the urine of tubercular patients treated with antibacterial preparations and prednisolone. IA Tsigel'nik, K. I. Volkova. Probl. tub. 13 no. 11:65-71 '65.
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Possibilities of using the "Tsilakrin" glue in urology. A. I. Piontsov. Trudy VNIKI 1 no. 7:139-145 '67.
Pyelonephritis in a transplanted kidney. N. A. Lopatkin, V. S. Rabinakii. Vest. khir. 101 no. 8:35-41 Ag '68.
Renal lesions in acute pancreatitis: A review of Soviet and foreign literature. V. M. Lashchovskii. Vest. khir. 101 no. 8:120-130 Ag '68.
Hemese, a diuretic. M. I. Kuzin and others. Trudy i go NIMI 51:203-207 '66.
Resection of the vena cava inferior in nephrectomy for a tumor of the right kidney. A. V. Teleschenko. Klin. khir. no. 6:73-74 Je '68.
Thrombosis of vessels of the renal pedicle. R. P. Akserkhanov, A. S. Dzhanbulatov. Vest. khir. 101 no. 8:41-48 Ag '68.

616.6 (575.1)—Uzbek S. S. R.

Preliminary investigation of the composition of kidney stones. N. Maksudov, Sh. T. Talipov. Uzb. khim. zhur. 6 no. 4:88-90 '62.

616.7 Diseases of the locomotor (skeletal) system

Acute appendicitis in myasthenia. G. V. Tolstov, V. N. Vasil'ov. Khirurgia 44 no. 9:48-51 S '68.
Antigenic properties of osteoblastic cells and possibilities for their clinical application. P. M. Mazhuga and others. TSH. i gen. 2 no. 6:436-441 S-O '68.
Apparatus for the treatment of lesions of the fingers and hand. I. M. Topchibashov, M. I. Ismailov. Ortop., travm. i protez. 29 no. 11:67-69 N '68.
Arthroplasty of the hip joint. Y. R. Bogdanov, V. N. Evencov. Ortop., travm. i protez. 29 no. 11:7-11 '68.
Changes in the cardiovascular system in infectious non-specific polyarthritis under treatment with Sukhum mineral water baths (borehole No. 1 and borehole No. 2). L. A. Mekhuzia. Sbor. trud. Abkhaz. fil. Gos. nauch. -issl. inst. kur. i fizioter. 8:157-164 '67.
Changes in the content of sulfhydryl groups in the organs of white rats and mice during the regeneration period of the skeletal muscles. V. S. Nikitin, G. A. Shafaranskaya. Biol. eksp. biol. i med. 66 no. 8:103-105 Ag '68.

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Clinical X-ray diagnosis of diaphysis, subluxation and dislocation of the hip in children in the first year of their life. C. M. Te. Eglazarov, G. P. Uklina. Ortop., travm. i protez. 29 no. 11:21-27 N '68.
Congenital deformities of the fingers. V. S. Prokhorovich. Vest. khir. 101 no. 8:96-100 Ag '68.
Conjunction of osteoarticular and pulmonary tuberculosis based on material of an antituberculous dispensary. L. A. Rubinshtein. Probl. tub. 43 no. 11:62-64 '65.
Current problems of reparative regeneration of the bone. A. A. Korzh, A. M. Belous, I. A. Pankov. Ortop., travm. i protez. 29 no. 8:1-0 Ag '68.
Development of valgoid deformation of the femoral neck; experimental study. E. S. Tikhonenko. Ortop., travm. i protez. 29 no. 11:40-42 N '68.
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Diagnosis and treatment of epithelial cysts of the coccyx. N. M. Mikhailov. Khirurgia 44 no. 9:120-121 S '68.
Differential diagnosis of Young's sarcoma. B. P. Tarasov, M. S. Tsozhkovskii. Vop. onk. 14 no. 6:28-31 '68.
Early X-ray diagnosis of congenital dislocation of the hip. V. I. Vilen'skii. Ortop., travm. i protez. 29 no. 11:66-67 N '67.
Effect of naphthalantherapy on the resistance (or permeability) of the capillaries in patients with diseases of the locomotor apparatus associated with cardiovascular diseases. A. Kh. Akopjan. Azerb. med. zhur. 45 no. 9:43-48 S '68.
Effect of Tkvarcheli mineral water baths under Tkvarcheli local conditions on the nitrogen metabolism in patients with diseases of the cardiovascular system and locomotor apparatus (of rheumatic etiology). N. V. Mgelidze. Sbor. trud. Abkhaz. fil. Gos. nauch. -issl. inst. kur. i fizioter. 8:133-141 '67.
Emergency aid in the treatment of fractures. A. M. Dvorkin. Ortop., travm. i protez. 29 no. 8:89-90 Ag '68.
Experience in the treatment of suppurative diseases of the fingers and hands. N. A. Dzhanbulatov. Khirurgia 44 no. 8:110-119 S '68.
Experience in using lavsan in surgical treatment of some lesions and diseases of the locomotor apparatus. L. G. Edel'shtein. Ortop., travm. i protez. 29 no. 8:59-62 Ag '68.
Focal fistulas in spondylitis tuberculosa. V. M. Bas. Probl. tub. 43 no. 11:77-78 '65.
Fixation screws developed by the All-Union Scientific Research Institute of Surgical Instruments and Apparatus and their use in the treatment of fractures of the condyles of the tibia. I. M. Bezukhov, G. M. Bedzichev. Trudy VNIKI 1 no. 7:117-125 '67.
General amyloidosis in osteomyelitis. M. V. Grunov. Vest. khir. 101 no. 8:77-81 Ag '68.
History of amputations on the level of the proximal portion of the foot. T. A. Revenko, L. S. Parashchikova. Ortop., travm. i protez. 29 no. 8:70-82 Ag '68.
Hydrocortisone injections in the treatment of stenosing ligamentitis of the fingers and hand. V. N. Mokhin, V. V. Mikhailenko. Ortop., travm. i protez. 29 no. 8:46-49 Ag '68.
Late results of treating children and adolescents with pathological dislocations of the hip. Z. G. Kuz'mina. Ortop., travm. i protez. 29 no. 11:34-37 N '68.
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Metal osteosynthesis of the forearm. V. IA. Mos'kin. Ortop., travm. i protez. 29 no. 8:63-71 Ag '68.
Method of contact microangiography in experimental study of the vessels of bone tissue. IA. G. Dubrov, G. A. Choptchenko. Ortop., travm. i protez. 29 no. 8:56-59 Ag '68.
Methodology of compression arthrodesis of the shoulder, radio-carpal, and talocrural joints. V. V. Kuz'menko, I. A. Romanchuk. Ortop., travm. i protez. 29 no. 11:33-55 N '68.
Morphological and functional changes in the lymphatic system of the pelvic extremity in dogs following its replantation and at separate stages of this operation. G. S. Saliukova, I. D. Kirpatovskii, K. V. Papadato. Arkh. anat., gist. i ombr. 55 no. 8:57-64 '68.
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New variation of submerged fraction of the spine. V. B. Kiselev. Vop. kur., fizioter. i lech. fiz. kult. 33 no. 6:412-414 S-O '68.
One of the causes of lesions of the internal meniscus. I. N. Logoida, G. D. Luchko. Vest. khir. 101 no. 8:122-123 Ag '68.
Open cranio-cerebral wounds in children. S. IA. Doletskii and others. Klin. khir. no. 6:30-34 Je '68.
Osteochondritis homotransplantata in surgery for gonitis tuberculosa. D. G. Kovalenko, E. M. Milovanova, A. V. Savchenko. Probl. tub. 43 no. 12:34-30 '65.
Osteoarthralgia with the use of juxtaposition plates. Trudy VNIKI 1 no. 7:110-117 '67.

Our experience in the treatment of osteoarthritis in children. V. N. Ismailov. Klin. khir. no. 6:35-37 Je '68.
Oxygen tension in the musculus gastrocnemius following denervation. V. IA. Berezhovskii, A. IA. Rotin. Izv. zhur. (Ukr.) 14 no. 5:625-641 S-O '68.
Parent's age and congenital developmental defects in children. E. A. Tchapkov. Akush. i gin. 41 no. 5:84-90 S-O '65.
Polysaccharides of the compact substance of the bone and periosteum following changed function of an extremity. S. I. Tybakova. Arkh. anat., gist. i ombr. 55 no. 8:128-132 '68.
Practical advice on the use of aorto- and arteriography in thrombolitering diseases of the lower extremities. A. N. Filatov, D. S. Kuz'min, K. I. Litmanovich. Khirurgia 44 no. 8:111-117 Ag '68.
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Primary healing of diaphyseal fractures of shin bones. I. I. Sokolov and others. Khirurgia 44 no. 8:160-166 Ag '68.
Reinforced biopsy in the diagnosis of osteoblastosteoma. A. Z. Amelin. Vest. khir. 101 no. 8:71-77 Ag '68.
Radioinductory study of the inclusion of carbonate-C¹⁴ in experimental reparative regeneration of the bone. I. M. Danilov. Ortop., travm. i protez. 29 no. 8:23-17 Ag '68.
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Results of a discussion on the treatment of open diaphyseal fractures. A. V. Kaplan, O. N. Markova, V. M. Melnikova. Ortop., travm. i protez. 29 no. 11:92-94 N '68.
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Shower unit for the prevention and treatment of some diseases of the legs. N. A. Boronikov. Sbor. trud. Abkhaz. fil. Gos. nauch. -issl. inst. kur. i fizioter. 8:193-200 '67.
Significance of compression and diastasis between bone fragments in the union of bones at the first fracture. G. I. Lavrishevskaya, E. IA. Dubrov. Ortop., travm. i protez. 29 no. 8:9-13 Ag '68.
Significance of fractional erythrocyte sedimentation reaction in the evaluation of health resort treatment in patients with infectious nonspecific polyarthritis and diseases of the cardiovascular system. L. A. Mekhuzia. Sbor. trud. Abkhaz. fil. Gos. nauch. -issl. inst. kur. i fizioter. 8:165-170 '67.
Significance of the state of the peripheral blood circulation in lesions and diseases of the extremities. I. I. Krupko and others. Vest. khir. 101 no. 8:67-71 Ag '68.
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Some problems of surgical tactics in open fractures of the long tubular bones. E. P. Kovalenko and others. Ortop., travm. i protez. 29 no. 8:61-67 S '68.
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Treatment of fractures by the method of steel pin osteosynthesis. A. N. Berkutov, S. I. L'nenkov, V. S. Antipenko. Khirurgia 44 no. 8:152-160 Ag '68.
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Experience in control of osteoarticular tuberculosis in Ternopol' Province. G. I. Utkin and others. Probl. tub. 43 no. 12:7-9 '65

616.8 Neurology. Neuro- and psychopathology

Basic causes of changes in acid-base equilibrium during neurosurgical operations. L. S. Shtechakova and others. Vest. AMN SSSR 21 no. 10:78-83 '68.

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- New developments in the technology of anticorrosion metal protection. O. Allaverdian. *Prom. Arm.* 10 no. 8:22-24 '68.
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620.19(479.24)—Azerbaijani S. S. R.

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620.2 Commercial materials, wares (quality, workmanship, etc.)

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620.4 Power stations

620.4(477)—Ukrainian S. S. R.

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621 Mechanical and electrical engineering. Machinery

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- Overfulfilling the plan and the incentives. I. Logunov. *Plan. khoz.* 45 no. 11:10-42 '68.

- Perspectives of developing a new technology in machinery construction. V. D. Ljubimov. *Vest. mashinostr.* 48 no. 4:3-8 '68.

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- Problems of selling finished products. A. N. Rudzikin, V. I. Pilyayev. *Vest. mashinostr.* 48 no. 8:78-79 '68.

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- Students' mistakes in constructing axonometric representations. N. P. Mamutenko. *Sikola i polzv.* 12 no. 6:48-53 '68.

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621(431)—German Democratic Republic

- Development of machine construction in the German Democratic Republic. N. S. Shevchenko. *Vest. mashinostr.* 48 no. 6:81-82 '68.

621(45)—Italy

- Exhibition of Italian machine-tools in Milan. *Vest. mashinostr.* 48 no. 6:85-86 '68.

621(471.232)—Leningrad City

- Efficiency of the hourly-bonus wage system with normed assignments. I. U. Nikolaev, P. Petrov. *Sots. trud.* 13 no. 9:46-49 '68.

621(471.331)—Kalinin Province

- Potentialities of a better use of capital assets in the machinery industry. L. V. Lobanova. *Uch. zap. Kal. gos. ped. inst.* 49:3-10 '68.

621(477)—Ukrainian S. S. R.

- When the incentive is effective. P. Mitipenko, N. Shevchenko. *Sots. trud.* 13 no. 9:43-46 '68.

621(477.8)—Western Ukraine

- Specialization is a key to improving the efficiency of production. I. A. Uslinevych. *Ekon. Rad. Ukr.* 10 no. 8:13-21 '68.

621(575.1)—Uzbek S. S. R.

- Correlation between the rates of increasing capital assets and the volume of production in the machinery industry of Uzbekistan. T. M. Zlatev. *Uch. zap. Tash. inst. nar. khoz.* no. 33:165-173 '68.

- Improve using the new machinery fund. Z. Nazirov. *Ekon. i zhizn'* 10 no. 9:21-23 '68.

621.001 General characteristics

- Adopting an algebraic method in a kinematic synthesis of plane mechanisms. V. I. Doronin. *Izv. vys. ucheb. zav., mashinostr.* no. 3:5-9 '68.

- Frequency characteristics of mechanisms with a non-linear position. I. I. Vult'son. *Izv. vys. ucheb. zav. mashinostr.* no. 3:23-29 '68.

621.004 Form and shape of products

- Effect of conditions of hot forging on the strength of a composite material made of aluminum - stainless steel wire net. L. R. Botvina, I. M. Kopyev, A. S. Kotelnik. *Fiz. i khim. obr. mat.* no. 5:155-158 S-O '68.

- Investigating residual stresses in a bimetal steel - titanium. A. A. Aleksandrov, E. F. Zorkhin, V. S. Smirnov. *Fiz. i khim. obr. mat.* no. 5:158-160 S-O '68.

- Using underlayers in the titanium-steel bimetal. I. I. Dolzhenkov and others. *Tsvet. met.* 41 no. 6:81-81 '68.

621.007 Servicing, maintenance, assembly, protection and safety devices

- Device for cleaning turbogenerator oil lines. V. S. Koklik. *Energ. stroi.* no. 19:16-18 '68.

- New developments in the repair of household appliances. B. E. Fishman. *Gor. khoz. Mosk.* 42 no. 6:11-13 '68.

621.007(477.6)—Donets Basin

- Reliable means for increasing mine capacity. O. Smolov. *Ekon. Rad. Ukr.* 10 no. 8:40-41 '68.

621.007(477)—Ukrainian S. S. R.

- Centralization of the repair service in the building materials industry. V. Kartuzenko, I. U. Pohachuk. *Ekon. Rad. Ukr.* 10 no. 8:42-43 '68.

- Exchange fund and the centralized delivery of equipment. N. Kurs, A. Vitkalov. *Ekon. Rad. Ukr.* 10 no. 8:40 '68.

- Improving the planning and organization of repair services. For wider introduction of industrial methods. A. Hnytskyi. *Ekon. Rad. Ukr.* 10 no. 8:30-37 '68.

- Normed assignments should be given to all repair service workers. V. Chopelev, B. Zasov. *Sots. trud.* 11 no. 12:1-127 '68.

621.007(477.6)—Donets Basin

- Contracting organization and the specialization of repair production. I. E. Krykhtin, O. Pylypenko, I. U. Ioshchuk. *Ekon. Rad. Ukr.* 10 no. 8:41-42 '68.

- Repair and assembly workshops and centers. R. I. V. menko, I. Vendrov. *Ekon. Rad. Ukr.* 10 no. 8:40 '68.

621.007(575)—Central Asia

- Concentration and specialization of the repair of equipment. N. I. Usupov. *Ekon. i zhizn'* 10 no. 8:24-26 '68.

621.007(575.1)—Uzbek S. S. R.

- The new or the overhauled ones? A. Fishbein. *Ekon. i zhizn'* 10 no. 8:10-13 '68.

- Success lies in the specialization and intelligent distribution of repair enterprises. S. Ljubashevskii. *Ekon. i zhizn'* 10 no. 9:8-11 '68.

621.008 Machinery, plant or apparatus according to motive force or power

- Deep-well pump drives for the exploitation of dual-layer wells. S. M. Gadeev. *Mash. i neft. obr.* no. 7:1-7 '68.

- Industrial tests of the hydrodynamic drive of the DU-76BrD drilling rig in braking regimes when running the tools into the well. A. M. Kornev. *Mash. i neft. obr.* no. 6:12-16 '68.

- Phase method for controlling a two-motor asynchronous electric drive. G. B. Abdulov. *Za tekhn. prog.* 5 no. 6:19-23 '68.

- Phase method for controlling a two-motor asynchronous electric drive. G. B. Abdulov. *Za tekhn. prog.* 5 no. 6:19-23 '68.

621.01 Mechanical engineering theory and principles. Design and construction of machinery

- Designing flat cam leverages according to a given pressure angle. A. K. Bakshis. *Trudy AN Lit. SSR. Ser. B* no. 4:95-107 '68.

- Dynamics of a mechanical variable speed drive with a parallelogram shaped impulsator. B. A. Lashkovskii. *Izv. vys. ucheb. zav.; mashinostr.* no. 3:12-18 '68.

- Load distribution along notched teeth of a grooved spur gear. I. M. Lopatukhin. *Izv. vys. ucheb. zav.; mashinostr.* no. 3:158-165 '68.

621.011 Theory, principles and practice of automation. Automatic control

- Absolute stability of nonlinear sampled data systems with pulse-width and time modulation. A. Kh. Gelig. *Avtom. i telem.* no. 7:33-43 '68.

- All-Union conference on operative production control, held in Leningrad. V. N. Burkov. *Vest. AN SSSR* 38 no. 5:124-125 '68.

- Analysis of one class of nonlinear systems using logarithmic characteristics. L. E. Bakhanov. *Izv. vys. ucheb. zav. prib.* 11 no. 9:20-34 '68.

- Analytical construction of regulators in processes involving distributed parameters. T. K. Strazitsinov. *Trudy Un. druzh. nar. Teor. mekh.* 27:74-85 '68.

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- Automatic control of a pump with pressure chamber. V. G. Shmal'ko. Tsement 32 no. 3:19 My-Jo '68.
- Automatic control of heat processes in a coke-gas fired cupola. O. M. Kiyzhanovskii, V. I. Soltyk, A. K. Ipatenko. Izv. vuz. ucheb. zav., khim. met. 11 no. 9:170-175 '68.
- Automatic control of the process of chlorine purification at the "Electroink" Plant. E. Kh. Kanukov, L. A. Rodina. Tsvet. met. 11 no. 6:43-45 Je '68.
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621.35 Applied electrochemistry. Cells. Batteries. Electrolysis, etc

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621.37 Technique of electric and electromagnetic waves, oscillations and pulses

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621.38 Electronics

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621.382 Semiconductor devices

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621.383 Photoelectric tubes, cells, image converters

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621.384 Production of active rays, corpuscular beams

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621.385 Electronic discharge tubes

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621.391 General electrical (communication) problems

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621.398 Telecontrol. Telemetering

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621.43 Internal combustion engines

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621.45 Rocket and jet engines

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621.6 Fluid distribution. Storage containers. Pipes. Pumps

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621.6(437)—Czechoslovakia

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621.6(471.310)—Moscow City

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621.6(471.41)—Tatar A. S. S. R.

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621.6(571.12)—Tyumen' Province

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621.6(571.6)—Soviet Far East

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621.6(575.1)—Uzbek S. S. R.

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621.7 Workshop practice. Plastic working, forming

Efficiency and accuracy of electrochemical dimensional machining. E. Ia. Godzinskii. Fiz. i khim. obr. mat. no. 5:52-58 S-O '68.

621.72 Pattern- and diemaking

Dies from plastics. L. S. Volkovicher. Lit. protz. no. 9:34-36 S '68.

621.73 Forges. Forge and hammer work

Calculation of the heat release during extrusion. I. G. Stepanov, V. S. Starikov. Tsvet. met. 41 no. 6:87 Je '68.

Effect of conditions of hot forging on the strength of a composite material made of aluminum - stainless steel wire net. L. R. Botvina, I. M. Kop'ev, A. S. Kotolkin. Fiz. i khim. obr. mat. no. 5:155-158 S-O '68.

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Advantages are obvious. A. Artykov, M. Voritman. Ekon. i zhizn' 10 no. 9:19-20 '68.

621.74 Foundries. Foundry work

Application of Weybull distribution in the study of durability of parts of foundry machinery. R. L. Gellor, S. M. Sukhomlinov, E. V. Vorob'ev. Stand i kach. 32 no. 9:51-52 S '68.

Automatic control of heat processes in a coke-gas fired cupola. O. M. Kryzhanovskii, V. Ia. Soltyk, A. K. IAtsenko. Izv. vys. ucheb. zav. i Chern. met. II no. 9:170-175 '68.

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Castability of modified cast iron. M. M. Turbovskii. Lit. protz. no. 9:42-43 S '68.

Casting iron heat elements into two-side shell molds. A. I. Glushkov, V. V. Miroslubov. Lit. protz. no. 9:38-39 S '68.

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Characteristics of the hardening of castings from tin bronze. A. A. Ryzhkov, G. I. Timofeev, P. V. Lebedev. Lit. protz. no. 9:23-25 S '68.

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Increasing the resistance and service life of roll crusher bolts. P. I. Ulitonenko. Lit. protz. no. 9:11-12 S '68.

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Increasing the strength of corrugated slabbing ingot molds in the treatment of cast iron for their casting with titanium sponge. I. B. Bychkov and others. Stal' 28 no. 9:788-789 S '68.

Influence of polygonization on the relaxation resistance of iron castings, open for discussion. P. V. Novichkov, V. A. Perov. Lit. protz. no. 9:30-33 S '68.

Influence of the charge on the process of cupola melting. V. N. Nizhegorodov. Lit. protz. no. 9:43 S '68.

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Nitrate binders. I. S. Malusevich. Lit. protz. no. 9:15-16 S '68.

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Systems for automatic continuous proportioning of charges N. M. Dekhanov and others. *Stal'* 28 no. 9: 800-802 S '68.

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Tilting mechanism for dry large cores. A. A. Semov, N. V. Gorbanov. *Lit. proiz.* no. 940 S '68.

Two-position core semiautomatic machine, model 400 G. P. Golovachev. *Lit. proiz.* no. 916-17 S '68.

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Fifth Conference of Foundry Workers of the Kuznetsk Basin. A. I. A. Khrapov, S. D. Milov. *Lit. proiz.* no. 946 S '68.

621.75 Toolmaking. Gauging. Fitting. Assembling

Analysis of the aggregate error in turning. I. S. Solonin. *Vest. mashinost.* 48 no. 8:51-54 Ag '68.

Calculation of interference fits in case of a simultaneous action of torque and bending moments. E. I. Borinier. *Vest. mashinost.* 48 no. 8:36-37 Ag '68.

Methods for calculating radial clearance in a single row ball bearing. B. A. Vol'pov, B. L. Levin. *Vest. mashinost.* 48 no. 4:33-35 Ap '68.

Precision of shape in a longitudinal section during fine boring. A. I. Gurevich, V. A. Rassokhin, M. E. Iukhvid. *Vest. mashinost.* 48 no. 4:62-64 Ap '68.

Tolerances for large gear wheels. G. K. Chernikov, A. K. Sidorenko. *Stand. i kach.* 32 no. 9:28-30 S '68.

621.762 Powder metallurgy

Effect of the additions of metal powders on the rate of topochemical reactions of the exchange type. V. N. Nurostoeva. *Trudy TGU* 154:23-31 '62.

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Recrystallization diagram of powder tungsten. S. A. Golovin and others. *Fiz. i khim. obr. mat.* no. 5:168-172 S-O '68.

621.77 Rolling

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Calculating metal hardening under plain strain. S. N. Vysokovskii. *Izv. vys. ucheb. zav., Chern. met.* 11 no. 9:101-104 '68.

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621.78 Heat treatment

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621.79 Various other kinds of metalwork

Breaking the strength of concrete at jet piercing. V. V. Popov, N. V. Filatov. *Mekh. stroit.* 35 no. 6:14-17 My '68.

Calculation of hydrodynamic parameters of ball mixtures for circulation systems. B. N. Arzhanov, V. A. Rodionov, B. G. Kolmakov. *Izv. vys. ucheb. zav., Chern. met.* 11 no. 9:135-138 '68.

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621.791 Welding and allied techniques

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- Carbon distribution in the fusion zone of dissimilar steels after welding. I. U. N. Gotal'ski, T. A. Strulina. Avtom. svar. 21 no. 10:16-20 O '68.
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- Industrial testing of butt welds without edge beveling. V. G. Donchenko. Avtom. svar. 21 no. 10:13-19 O '68.
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- Welding fires are spreading. S. I. Fadeev. Put' i put. khoz. 11 no. 10:24-27 '67.
- Welding of cement kiln casings at assembly site. L. A. Tolchinskii, P. V. Garbar. Mont. i spets. rab. v. stroi. 28 no. 3:24-25 Mr '68.
- Welding of 50Kh2 steel to 08kp steel. A. P. Smirnov, G. N. Trubin. Avtom. svar. 21 no. 10:39-42 O '68.
- Welding of steam superheating pipes from EI-756 steel. V. A. Kizhanchikov, V. N. Kudrinskii, E. G. sta. 35 no. 9:10-22 S '68.
- Welding with an arc pulsating along its exponent and its effect on residual stresses and the substructure of welded joints in OKh18Ni9Ti steel pipe. F. A. Vagner, I. U. P. Liborov, V. V. Stepanov. Fiz. i khim. obr. mat. no. 5:127-136 S-O '68.
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- 621.791(471 56)—Orenburg Province
- Organization of the welding section. V. A. Maslov. Mont. i spets. rab. v. stroi. 28 no. 2 20-22 F '67.
- 621.792 Joining by adhesion Bonding, gluing. Pressure jointing, plugging, caulking
- Coupling with conical clamp rings. B. Z. Metelitsa. Vest. mashinost. 48 no. 6:21-21 Je '68.
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- 621.793 Metallization
- Increasing the durability of parts by spray-coating with plasma-arc welding. G. Kamalian. Prom. Airm. 10 no. 8:51-52 '68.
- Studying the speed of a plasma flow and the disperse particles processed in it. V. I. Mikhailev, V. A. Pehumichev. Fiz. i khim. obr. mat. no. 5:22-27 S-O '68.
- Vacuum aluminum coatings on steel. I. L. Roikh and others. Ukr. khim. zhur. 34 no. 10 1076-1082 '68.
- 621.798 Packaging
- How to "dress up" confectionery. V. Usov. Sov. tovg. 41 no. 8:41-43 Ag '68.
- 621.798(437)—Czechoslovakia
- Symposium on problems of containerization and transport in Czechoslovakia. Stand. i kach. 32 no. 9:92 S '68.
- 621.798(471.311)—Moscow Province
- Potentialities of reducing expenditures for shafts. R. Kuzlezeva. Sov. tovg. 42 no. 10 50-51 O '68.
- 621.8 Power transmission. Materials handling Mechanical fixing, attachment. Lubrication
- Mechanizing the construction of road machinery. K. A. Sokolov. Transp. stroi. no. 11:10-21 N '67.
- Using electromagnetically magnetohydrodynamic pumps for the conveying and pouring of liquid nonferrous metals. I. V. Vozelov, A. V. Egilitis. TSvet. met. 11 no. 6:49-51 Je '68.
- 621.81 Machine elements
- Certain causes of the surface rupture of pinions. B. P. Riabov. Met. i gornorud. prom. no. 4:93 Ji-Ag '68.
- Producing components of capron for road machinery. N. Z. Semenov. Transp. stroi. no. 11:91 N '67.
- Safe free-wheeling clutch. I. M. Kharatov, V. M. Zhabnikov. Izv. vyz. ucheb. zav., mashinost. no. 3 76-82 '68.
- 621.82 Transmission systems and parts
- Diamond superfinishing of the necks of hardened steel machine parts. I. E. Fragin, I. U. F. Domin. Vest. mashinost. 48 no. 4:60-61 Ap '68.
- Distribution of stresses between coupled bearings. I. I. Chutkov, V. A. Kuz'mintsev. Vest. mashinost. 48 no. 8:29-33 Ag '68.
- Effect of lubrication on the wear resistance of splined joints. I. A. Tatarskiy. Vest. mashinost. 48 no. 6:26-29 Je '68.
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- Forming splined shafts by longitudinal rolling with multi-roll heads. M. O. Akobson, M. A. Estarzon, I. U. G. Korylov. Vest. mashinost. 48 no. 8 50-61 Ag '68.
- Hardening of large shafts by hammer working instead of heat treatment. I. V. Kudrinskii and others. Vest. mashinost. 48 no. 9:7-9 Ag '68.
- Increasing the durability of antifriction bearings by the method of surface cold hardening. P. I. Ashcheritsyn and others. Vest. mashinost. 48 no. 6:11-14 Je '68.
- Methods for calculating radial clearance in a single row ball bearing. B. A. Vol'brun, B. L. Levin. Vest. mashinost. 48 no. 4:33-36 Ap '68.
- New antifriction materials on the basis of plastics. V. I. Skoplov. Vest. mashinost. 48 no. 4:39-43 Ap '68.
- Optimum values of friction moment. G. M. Ambokadze. Vest. mashinost. 48 no. 4:38-39 Ap '68.
- Peculiarities of deformation of plastic bodies of antifriction bearings. D. M. Morozov, I. U. K. Iashkov. Vest. mashinost. 48 no. 6:48-50 Je '68.
- Reducing the ball-bearing metal layer thickness in hydraulic unit bearings. M. I. Babadzhani. Energomashinostroyenie 14 no. 5:29 My '68.
- Standardizing the use of antifriction bearings. A. M. Krikov. Vest. mashinost. 48 no. 6:30-31 Je '68.
- Use of ball bearing cages made of self-lubricating AMAN materials. N. A. Spitsyn. Vest. mashinost. 48 no. 4:47-49 Ap '68.
- 621.83 Gears, cams, links, ratchets
- Calculating deformed and stressed states of flexible elements in wave transmissions. L. K. Gorelov. Vest. mashinost. 48 no. 6:24-26 Je '68.
- Calculating the number of teeth in movable three-step blocks. N. P. Labazov. Vest. mashinost. 48 no. 8 14-15 Ag '68.
- Determining the efficiency of 3K planetary transmissions with single-rim pinions. V. I. Lazarev. Vest. mashinost. 48 no. 8:15-16 Ag '68.
- Device for removing the pinions of electric traction motors. T. I. Admakin. Elek. i teplot. tiz. 12 no. 9 20-21 S '68.
- Distribution of clearances in the spindle subassembly of a planetary reducing mangle gear. V. K. Lobastov, N. S. Tsaplin, I. U. N. Chupin. Izv. vyz. ucheb. zav., mashinost. no. 3:10-22 '68.
- Dynamics of the hoisting mechanism of a tower crane. L. M. Smolinov. Vest. mashinost. 48 no. 8:23-25 Ag '68.
- Effect of wear and starting under load on the contact durability of gears. D. N. Reshetov, I. K. Garmich. Izv. vyz. ucheb. zav., mashinost. no. 3 65-70 '68.
- Flexural shifts of teeth in internal toothing wheels. M. D. Korovkin. Vest. mashinost. 48 no. 4:22-24 Ap '68.
- Improvement of threading by chasers of sleeve-threading chucks. Ch. G. Batramov. Za tekhn. prog. 5 no. 9 30-33 Je '65.
- Improving the flexural strength of large module bevel-gear wheels. V. M. Blaslavskii and others. Vest. mashinost. 48 no. 8:10-12 Ag '68.
- Load distribution on pinion carrier pins of planetary mangle reducing gears. V. K. Lobastov and others. Vest. mashinost. 48 no. 4:25-27 Ap '68.
- Method for machining hyperbolic surfaces. N. P. Labazov. Vest. mashinost. 48 no. 6:52 Je '68.
- Model of a friction gear. M. I. Negrinovich. Shkola i proiz. 12 no. 9 42-43 S '68.
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- On flexural stresses in teeth of a modified profile. V. L. Usinchenko. Vest. mashinost. 48 no. 8 12-13 Ag '68.
- Present status and basic trends of the development of drives for deep-well sucker rod units. K. S. Altverdzide. Mash. i elekt. obr. no. 7 18-22 '68.
- Reducing allowances in grinding gear teeth. L. L. Efremov. Vest. mashinost. 48 no. 4 27-29 Ap '68.
- Scientific and technical conference "Problems of quality and reliability of gear drives." B. L. Tshorn. Vest. mashinost. 48 no. 6:83 Je '68.
- Study of conditions in meshing involute undulating gear drive with a free deformation of a flexible gear. I. M. Shapochkina, N. L. Voronov. Izv. vyz. ucheb. zav., mashinost. no. 3 9-12 '68.
- Tolerances for large gear wheels. G. K. Chervakov, A. K. Sidorenko. Stand. i kach. 32 no. 9:28-30 S '68.
- 621.85 Flexible transmissions and drives
- Determining the reduced number of chain links colliding with sprocket teeth. G. K. Riabov. Vest. mashinost. 48 no. 8:10-18 Ag '68.
- 621.86 Materials handling. Mechanical handling and hoisting equipment
- Materials for bearing surfaces of headframe pulleys. G. P. Kselunin, I. A. Korobov, N. G. Filatov. Izv. vyz. ucheb. zav. gor. zhur. 11 no. 8:109-111 '68.
- Method of determining strains in twin ship beams and their rigging. I. I. Pavlov. Trudy TSNIMF 14 no. 93 04-105 '68.
- Transporting material from the quarry by a belt conveyor of 6150 meters in length. M. L. Epel'baum, A. A. Abkhutov. TSomet 32 no. 3:16-17 My-Je '68.
- Using the C-056 vibratory unloader for bulk loads frozen together. G. V. Vinogradov, I. V. Erolov. TSvet. met. 41 no. 6:20-23 Je '68.
- Wear calculation of steel ropes. V. G. Goshellin. Vest. mashinost. 48 no. 4:35-37 Ap '68.
- 621.86(433)—Federal Republic of Germany
- "Khaasla" packing machines. Stand. i kach. 32 no. 9:49 S '68.
- 621.86(575.1)—Uzbek S.S.R.
- Cottonseed loaders. I. Novitskii, O. Surkov. Ekon. i zhizn' 10 no. 8:35 Ag '68.
- With the help of pneumatics. N. Otukova. Ekon. i zhizn' 10 no. 8 35 Ag '68.
- 621.87 Cranes and other hoisting mechanisms. Excavators, dredgers, etc.
- Complex dynamic systems of excavators. V. P. Lomakin. Izv. vyz. ucheb. zav. gor. zhur. 11 no. 9 85-100 '68.
- Determining cutting angles of the cutter of a rotary trench excavator. I. N. Marchenko. Stroil'noobor. 11 no. 10:19-22 O '68.
- Device for dismounting the upper frame of rotary ER-7AM and ER-7E excavators. D. Shapov. Stroil'noobor. 11 no. 7 33 Ji '66.

621.87 (Continued)
Erection of a unique floating crane. L. I. Mazo. *Mont. i spets. rab. v stroi.* 29 no. 2-6-8 F '67.
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Methods of collecting and processing statistical information on the operational reliability of machines. V. V. Abramovich. *Vest. mashinostr.* 48 no. 6-7-9 Je '68.
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SKG-100 crawler crane. M. P. Khodov, B. I. A. Mozhos. *Mont. i spets. rab. v stroi.* 29 no. 2-18-19 F '67.
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Suspension of the button station of bracket jib cranes. N. B. Ostrovskii. *Bezop. truda v prom.* 12 no. 9-54-55 S '68.
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621.87(477)—Ukrainian S. S. R
Improving the planning and organization of repair services: For wider introduction of industrial methods. A. Havtels'kiy. *Tekn. Rad. Ukr.* 10 no. 8-10-31 Ag '68.
621.87(571)—Astatic R. S. F. S. R
Methods to improve the use of excavators in the areas of Siberia. V. I. A. Tkachenko, K. A. Kharanova. *Met. i gorn. prom.* 25 no. 5-2-3 My '68.
621.88 Mechanical attachments and fixings
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Design of threaded joints operating under high temperature conditions. V. B. Zhukov. *Vest. mashinostr.* 48 no. 8-25-29 Ag '68.
Pneumatic universal helical rack self-centering chuck. E. P. Venger, R. G. Kats. *Prom. Bel.* 11 no. 9-55 S '68.
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621.89 Lubrication. Friction reducing and increasing devices
Effect of free alkalies and acids on the structure and properties of soft greases thickened with Va-scaps. V. V. Sinitsyn, E. V. Alovva, B. N. Kartinin. *Koll. zhur.* 24 no. 1-76-79 Ja-F '62.
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Optimum values of friction moment. G. M. Ambokadze. *Vest. mashinostr.* 48 no. 4-38-39 Ap '68.

Protective properties of antifriction coatings depending on the type of lubricant. B. P. Ait'mev. *Izv. vys. ucheb. zav.; mashinostr.* 48 no. 3-70-73 '68.
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Silicone lubricant for molds of glass-molding machines. E. B. Kuziakina. *Stek. i ker.* 25 no. 7-16-19 Ji '68.
Using acid pastes to clean the surface of turbine oil lines. G. V. Reznik, N. S. Solov'ev. *Energitika* 11 no. 8-13-15 Ag '68.
621.9 Tools. Machine tools. Machining
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Designing form cutters. A. A. Mogilevets. *Vest. mashinostr.* 48 no. 6-61-63 Je '68.
Device for the bending of pipes. V. N. Smirnov. *Shkola i proizv.* 12 no. 9-57-63 S '68.
Economic reform and the new prices for tools. Kh. Mansurova. *Plan. khoz.* 45 no. 11-43-50 N '68.
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On errors in measuring machine parts. B. M. Bazrov. *Vest. mashinostr.* 48 no. 8-54-56 Ag '68.
Standardization of universal machine-tool attachments. M. G. Unnagin, K. I. Sokol'skiy. *Vest. mashinostr.* 48 no. 4-80-84 Ap '68.
621.9(471.313)—Ryazan Province
The competition gains momentum. N. Pavluk. *Sov. profsoyuz* 21 no. 10-4-5 O '68.

621.91 Roughing, planing, shaping, slotting Milling. Filing. Rasping. Broaching
Analytic method of calculating slot processes. V. M. Naumovich, A. I. Shum, A. V. Semenov. *Izv. vys. ucheb. zav. gor. zhut.* 11 no. 8-91-95 '68.
Automation of relative displacements in the instrument-part system during machining of curvilinear contours. I. S. Zak, N. M. Karelin. *Vest. mashinostr.* 48 no. 6-53-58 Je '68.
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Effect of cast iron structure on the durability of the cutting tool. A. P. Chudin. *Vest. mashinostr.* 48 no. 8-70-71 Ag '68.
Forces on the back surface of the tool during free planing in various media. M. F. Potelika, V. V. Molikhov. *Izv. vys. ucheb. zav.; mashinostr.* 48 no. 3-150-154 '68.
Inverting the functions of objects of a technological process as a way of creating new methods of machining. E. G. Kononov, A. I. Flomenblit. *Dokl. AN BSSR* 12 no. 8-699-701 Ag '68.
Method for machining hyperbolic surfaces. N. P. Labazov. *Vest. mashinostr.* 48 no. 8-52 Je '68.

621.92 Abrading, abrasives Grinding, polishing Crushing, sep- arating and mixing
Abrasion of building materials due to abrasive jet. N. A. Mostchanskii, S. I. Obolin. *Gidr. stroi.* 38 no. 9-10-13 S '68.
Advantage of using crusher-hopper units in ore mines. V. D. Titov. *Izv. vys. ucheb. zav. gor. zhut.* 11 no. 9-15-21 '68.
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622, 3 (471, 63)—Stavropol' Territory

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622, 3 (477, 6)—Donets Basin

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622, 3 (479, 24)—Azerbaijan S. S. R.

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622.3(571.12)—Tyumen' Province

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622.3(575.1)—Uzbek S. S. R.

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622.3(575.4)—Turkmen S. S. R.

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622.3(59)—Australia (Commonwealth)

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622.4(471.55)—Chelyabinsk Province

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622.4(477)—Ukrainian S. S. R.

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622.4(478.22)—Georgian S. S. R.

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622.5 Mine water. Drainage. Unwatering

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622.6 Haulage and handling. Hoisting. Winding

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- Pressing problems in using computing technique in the management of mining industries. V. P. Kanash, B. P. Chirkun. *Ugol' Ukr.* 12 no. 9 28-30 '68.
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- Results of investigating emergency regimes of gas pipelines with the use of linear electric models. I. F. Khodanovich and others. *Trudy VNIIGaz* no. 29/37 61-85 '67.
- Some unstable movements of gas in pipelines. Z. T. Gallullin. *Trudy VNIIGaz* no. 29/37 10-17 '67.
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- 622.6(471.52)—Bashkir A. S. S. R.
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- Use of new equipment calls for amendments. M. Sultanbikov. *Sots. trud.* 13 no. 9 60-62 '68.
- 622.7 Mineral dressing. Ore preparation
- Absorption of aliphatic amines by potassium chloride from solutions containing n-gallicaceous slimes. E. E. Litvinenko, Kh. M. Aleksandrovich, M. M. Pavluchenko. *Dokl. AN BSSR* 12 no. 8:706-709 Ag '68.
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- Studying technological properties of aerofloats by the zero method. V. D. Komkov. *Izv. vys. ucheb. zav., gor. zhur.* 11 no. 8 176-179 '68.
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- 622.7(471.323)—Kursk Province
- Production of iron ore concentrates containing 68%-69% of iron from lean iron quartzites of the Lebedi deposit in the Kursk Magnetic Anomaly under pilot-plant and industrial conditions. P. E. Ostapenko and others. *Sbor. nauch. trud. Mekhanobrichmet* no. 8:87-104 '67.
- 622.7(471.53)—Form Province
- Using hydrocyclones in the flowsheet of slime economy at the coal preparation shop of the Gubakha By-Product Coke Plant. V. P. Kurbatov and others. *Podg. i koks. ugl.* no. 2:171-179 '60.
- 622.7(471.54)—Sverdlovsk Province
- Screening of sinter in rotary screens at the "Vysokogorsk" Sintering Plant. E. Z. Froidenzon and others. *Stat'* 28 no. 9:769-772 S '68.
- 622.7(477)—Ukrainian S. S. R.
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- Composition and concentrability of iron-bearing rocks of the "Pervomaiskii" Mine in the Krivoy Rog Basin. I. P. Ignumova, M. N. Kiseleva. *Sbor. nauch. trud. Mekhanobrichmet* no. 5 112-130 '65.
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- Flotation properties of Krivoy Rog oxidized iron ores depending on conditions of their ore formation. I. P. Ignumova. *Sbor. nauch. trud. Mekhanobrichmet* no. 8 135-141 '67.
- Industrial testing of gravity-flotation flowsheets and beneficiation processes for mined iron ores from northern mines of the Krivoy Rog Basin. S. F. Shinkorenko and others. *Sbor. nauch. trud. Mekhanobrichmet* no. 8:119-135 '67.
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622.7(477) (Continued)

Production of fluxed slater from rich finely magnetite concentrates of the Novo Krivoy Rog Mining and Ore Dressing Combine. L. A. Drozhilov, A. Z. Krizhevskii. Sbor nauch. trud. Mekhanobrihermet no. 8 167-179 '67

Main trends in developing the automatic control system for the production of the Ingulets Mining and Ore Dressing Combine. T. N. Degtyarev, A. I. Shitefan. Met. i gornorud. prom. no. 4 80 83 31-32 '68

Studying the concentratability of lean iron ores of the new mines of Krivoy Rog. I. A. Dokuchaeva and others. Sbor nauch. trud. Mekhanobrihermet no. 8 34-60 '67

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Types of mineral intergrowths in lean iron ores of Krivoy Rog in connection with their concentratability. B. I. Pirogov. Sbor nauch. trud. Mekhanobrihermet no. 8 6-20 '67

622.7(477.6)—Donets Basin

Technological properties of coals of the western Donets Basin used in the manufacture of metallurgical coke. A. G. Belichenko, I. M. Obukhovskii. Met. i gornorud. prom. no. 4 49-52 31-Ag '68

622.7(477.9)—Crimea

Characteristics of the beneficiation of poor finely-impregnated iron quartzites of the Kremenchug deposit. P. E. Ostapenko, T. N. Pristko, R. T. Shoda. Sbor nauch. trud. Mekhanobrihermet no. 5 165-169 '65

622.7(497.2)—Bulgaria

Influence of the petrographic structure and moisture on the strength properties of brown coals from Trojanovo-1 deposit of the People's Republic of Bulgaria. M. A. Menkovskii, S. A. Gordon, Z. N. Apostolova. Izv. vys. ucheb. zav., gor. zhur. II no. 3 3-5 '68

622.7(571.63)—Maritime Territory

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622.7(574)—Kazakh S. S. R.

Beneficiation of ores of the Lisakovka deposit on the new electromagnetic separators with an intensive magnetic field. L. N. Khersonets, V. V. Krutii, Z. P. Armashova. Sbor nauch. trud. Mekhanobrihermet no. 8 104-108 '67

Quality of cast iron and slag in blast furnace smelting with nodulizing sinter of the Sokolovka and Sarbay Mining and Ore Dressing Combine. I. A. Kopyrin and others. Metallurg. 13 no. 9 3-6 '68

622.8 Safety and health protection in mines. Accidents. Damage

Basins of a sound technical line of conducting mining operations in outburst-prone coal seams. V. V. Khodot. Ugol' Ukr. 12 no. 9 40-44 '68

Behavior of false roofs in narrow-cut mining of coal steep seams. P. I. Smaga. Ugol' Ukr. 12 no. 9 15-17 '68

Bills for boring long boreholes in outburst-prone seams. P. I. A. Zastavenko, I. P. Chebotkov. Bezop. truda v prom. 12 no. 9 47-48 '68

Calculating borehole charges for the making of screening slot cuts. B. P. Iumatov, V. G. Shitarev, Z. I. Valatka. Fiz. tekhn. probl. razrab. pol. iskop. no. 4 46-52 31-Ag '68

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Controlling sudden outbursts of coal and gas during development workings. E. S. Rozantsev and others. Bezop. truda v prom. 12 no. 9 35-39 '68

Determination of the caving prism width of plane slopes. A. M. Mochalov. Fiz. tekhn. probl. razrab. pol. iskop. no. 4 112-115 31-Ag '68

Dust control in foreign coal mines. V. S. Nikitin. Nauch. rab. inst. okhr. trud. VTSSPS no. 46 88-94 '67, from faces in sawn stone workings. G. S. ... Bezop. truda v prom. 12

Industrial films as propaganda means of the scientific organization of labor and industrial safety in coal mines. V. M. Ivashin, V. A. Dudko. Ugol' Ukr. 12 no. 9 20 '68

Interaction between supports and enclosing rocks in cutter loaders mined longwalls. A. K. Kovtishin, V. V. Smirnov, V. V. Ku. hel. v. Fiz. tekhn. probl. razrab. pol. iskop. no. 4 21-29 31-Ag '68

Investigation of friction along the cracks in models. E. F. Mel'nikov. Izv. vys. ucheb. zav., gor. zhur. II no. 8 14-16 '68

Leakage blocking relay with a circuit for balancing the effect of the reverse e.m.f. of an electric motor. I. A. S. Riman, A. P. Kotliarevskii, N. T. Kravtchukov. Bezop. truda v prom. 12 no. 9 46-47 '68

Let all petroleum workers benefit from the work experience of the Stavropol'neft' oilmen. I. U. N. Ovisannikov. Bezop. truda v prom. 12 no. 9 26-27 '68

Measuring the high-resistance strength of ground electrodes in mining enterprises under conditions of permanent frost. V. I. Karelin. Bezop. truda v prom. 12 no. 9 43-44 '68

Mechanism of rock breaking at the impact. V. V. Smirnov. Fiz. tekhn. probl. razrab. pol. iskop. no. 1 39-46 31-Ag '68

Methods of calculating flexible metallic covers in sublevel caving systems. V. A. Isakov, G. A. Pokushov. Fiz. tekhn. probl. razrab. pol. iskop. no. 4 63-66 31-Ag '68

New system of controlling the composition of air in mines. I. I. Zharkov, P. P. Tsel'sler. Bezop. truda v prom. 12 no. 9 12 '68

Operational control of mine fillings with the aid of a self-recording device. A. E. Gavrutskii, G. N. Mushinskii. Bezop. truda v prom. 12 no. 9 44-46 '68

Parameters of blasting operations in hard and medium-hard rocks depending on the physicochemical properties of the latter. V. G. Borisenko, K. I. Kuevda, V. P. Matyenko. Met. i gornorud. prom. 9 no. 5 63-66 5-Ag '68

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Prevention of outbursts of flammable gases during mining operations in mines of the Krivoy Rog Basin. A. P. Ivanov and others. Bezop. truda v prom. 12 no. 9 15-17 '68

Preventing dust explosions during roller bit drilling of boreholes in sulfur ores. A. V. Donnikovskii, V. I. Pollanskii. Bezop. truda v prom. 12 no. 9 50-51 '68

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Problem of flow regulation in the ventilation networks of mines with redundancy in the branches. V. M. Mikhailenko. Prikl. i sist. avtom. no. 6 33-37 '67

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Remote control for the preliminary wetting of coal in the massifs. S. P. Fishchenko, K. P. Storchak, G. V. Spektor. Bezop. truda v prom. 12 no. 9 39-41 '68

Rock pressure in stopes and major and development workings. K. A. Ardashov. Izv. vys. ucheb. zav., gor. zhur. II no. 9 41-44 '68

Siderite facies in iron-bearing rocks of the Krivoy Rog Basin. I. U. G. Gersheig. Sbor nauch. trud. Mekhanobrihermet. no. 5 57-79 '65

Stressed state of loose rock mass occurring in the zone of caving in mining steeply pitching deposits. N. A. Solomatina. Fiz. tekhn. probl. razrab. pol. iskop. no. 4 17-21 31-Ag '68

Theoretical probability estimate of mines presenting fire hazards. G. E. Ivanchenko and others. Izv. vys. ucheb. zav., gor. zhur. II no. 9 57-59 '68

Work experience in enterprises of the Korkhugol' Trust. E. Proskurnakov, I. U. Demidov. Bezop. truda v prom. 12 no. 9 24-25 '68

622.8(41)—United Kingdom and Northern Ireland

Landfills at waste disposal dumps of coal mines of England. V. M. Sukharevskii, A. P. Stal'makh. Bezop. truda v prom. 12 no. 9 21-23 '68

622.8(471.311)—Moscow Province

Estimate and prognosis of fire hazards in coal mines of the Moscow Basin. L. N. Bykov, E. I. Zakharov, E. M. Sokolov. Izv. vys. ucheb. zav., gor. zhur. II no. 8 62-64 '68

622.8(477)—Ukrainian S. S. R.

Gas manifestations in mines of Krivoy Rog. V. G. Sitarsenko and others. Izv. vys. ucheb. zav., gor. zhur. II no. 8 57-61 '68

622.8(571.17)—Kemerovo Province

Efficiency of the existing regulations on the prevention of spontaneous fires in coal mines of the Kuznetsk Basin. P. I. Kokorin, A. S. Litvinenko, V. G. Iginov. Bezop. truda v prom. 12 no. 9 29-33 '68

623 Military and naval engineering and technology

623.4(0.104)—Capitalist countries of the world

Military and technical integration services "Atlanticity". V. Ropitskii. Mezhduunar. zhurn. 15 no. 12 71-79 '68

623.4 Ordnance. Guns. Service vehicles. Ammunition. War gases

623.4(404)—Switzerland

Shady transactions of the gun kings. G. Dragunov. Nov. vrem. 26 no. 51-27-28 31 '68

623.4(73)—United States of America

Collapse of the atomic monopoly of the U. S. A. V. M. Khaitman. Nov. i novish. ist. no. 1 16-31 31-Ag '68

623.4(8)—South America

Latin America, the Pontagari, and the arms race. I. U. Chelnin. Mezhduunar. zhurn. 15 no. 12 61 70 '68

623.451 Projectiles. Shells. Bombs. Guided missiles

Members of the Komsomol on roll call. F. Khallurin. Komn. vooruzh. sil. 49 no. 10 36-41 31-Ag '68

"Petroleum bombs" of the Middle Ages. K. Kosturin. Neftianik. 13 no. 8 36-37 31-Ag '68

623.454 Mines. Nuclear and atomic weapons

Losses of the organs of vision caused by light radiation in nuclear explosions, a review of the literature. S. G. Sherashov. Voen.-med. zhur. no. 10 45-48 31-Ag '68

623.6 Field engineering equipment, operations. Works. Buildings. Bridges. Communications

623.6(507.7)—North Vietnam

A bridge: a report from Hanoi. A. Vasil'ov. Nov. vrem. 26 no. 43-24-25 31-Ag '68

624 Civil, structural engineering

Approximate estimate of normal critical stresses in reinforced concrete shells with positive Gaussian curvature. L. S. Minaev. Trudy Un. druzh. nar. 34 53-59 '68

Arranging the payments of the general contractor with subcontracting organizations for underground work. V. Mironov, S. Lein. Stroitel'stvo. 11 no. 7 35 31-Ag '68

Calculating a chain with a suspended load as an element of an anchored system. P. P. Kul'mach. Izv. vys. ucheb. zav., strol. i arkh. 10 no. 5 32-40 '67

Calculating shifting in built-up beams. S. A. Zhedrov. Izv. vys. ucheb. zav., strol. i arkh. 10 no. 5 40-43 '67

Calculating trapezoidal plates with two longitudinal rigidly clamped edges. N. K. D'nechouko-Dzin. Izv. vys. ucheb. zav., strol. i arkh. 10 no. 5 25-31 '67

Calculation of enclosing members by the limiting state method. I. B. Kaspo. Trudy Un. druzh. nar. 34 29-33 '68

Design of a shallow cycloid cylindrical shell. P. K. Bhattacharya. Trudy Un. druzh. nar. 30 31-34 '65

Determining stresses in shallow shells of rectangular design by the V. Z. Vlasov zero-moment theory with the use of tables. L. S. Minaev. Trudy Un. druzh. nar. 34 60-67 '68

Effect of a moving load on an infinite plate on an elastic foundation. V. V. Nalov't. Izv. vys. ucheb. zav., strol. i arkh. 10 no. 5 101-109 '67

Elastoplastic stresses in the sections of a unified profile under the action of longitudinal load and bending moment. I. U. Aleshinski. Trudy Un. druzh. nar. 30 3-30 '68

Equations of the frequencies of free bending vibrations of step beams with elastic supports. P. A. Koshin. Trudy Un. druzh. nar. 30 117-133 '68

Full-scale and laboratory tests of the corrosion resistance of prestressed reinforcement in concrete with admittives. S. G. Entshevskaya, O. I. Dovzhik, V. B. Ratinov. Izv. vys. ucheb. zav., strol. i arkh. 10 no. 5 3-6 '67

Ground pressure is being measured. Inform. bul. VDNKh no. 4 10 31-Ag '68

Little known construction methods of some ancient countries of the Near East. F. N. Paschenko. Trudy Un. druzh. nar. 34 65-108 '68

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- 624.1 Earthwork. Foundations. Substructures. Tunneling**
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- 024.1(471.310)—Moscow City**
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- 024.1(471.41)—Tatar A. S. S. R.**
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- Results of testing spans.** I. U. M. Shirokov. Put' i put. khoz. 11 no. 10:42 '67.
- Spherical tanks and gas-holders made from low-carbon and low-alloy steels.** A. E. Anis, B. F. Lebedev, V. S. Krivosheina. Mont. i spets. rab. v stroi. 29 no. 2:25-28 F '67.
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- Technical and economic advantages of hydraulic-fill and reinforced-concrete structures over structures in oil field development.** A. A. Kevorkov. Gidr. stroi. 38 no. 9:48-49 S '68.
- 024.2(471.316)—Yaroslavl Province**
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- 024.2(471.44)—Saratov Province**
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- 625.1 Railway engineering. Equipment and track**
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- Methodology of calculations must have a scientific foundation.** I. I. Ivanov. Trudy MIT no. 231:103-108 '66.
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625.2 Rolling stock, locomotives, etc.

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N. T. Tarent'ev. Elek. i tepl. tiaga 12 no. 9 29-30 '68.

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G. V. Stolbov, P. L. Polubenko. Elek. i tepl. tiaga
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625.2(571.53)—Irkutsk Province

Cradle of creative search. R. Lutsayev. Sov. profsoyuzy
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625.3 Railways of special construction

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B. S. Rinzantsov. Vest. AN SSSR 38 no. 4 95-97
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Track circuit with noninsulated joints for switching
sectors of industrial railroads. A. M. Garantin. Trudy
MIIT no. 233 103-107 '66.

625.7 Highway, road engineering

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625.7(4/0.104)—Capitalist countries of the world

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625.7(571)—Atlantic R. S. F. S. R.

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northeastern regions of the U. S. S. R. and some problems
concerning the extension of their use. I. L. Bolshchuk.
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625.7(574)—Kazakh S. S. R.

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625.7(575.1)—Uzbek S. S. R.

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625.7(63)—Ethiopia

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625.7(72)—Mexico

Construction of highways, bridges, and transportation
systems in Mexico. V. E. Knorre. Gor. khoz. Mosk.
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625.8 Paving of roads. Wearing surfaces

Effect of hardening conditions on thermal stresses
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Effectiveness of nitric fertilizers when applied for meadow timothy. D. A. Filimonov, O. A. Shishkina. *Khim. v sel'. khoz.* 6 no. 7:13-13 '68.

Evaluation of peat bog soils by ash content in plants. V. R. Benaman. *Agrokhimia* no. 10:124-125 O '68.

Fertilization of sugar beets on irrigated Chestnut soils. I. M. Popova and others. *Agrokhimia* no. 10:23-27 O '68.

Fertilizer based on urea and calcium nitrate. M. N. Nabiev and others. *Uzb. khim. zhur.* 6 no. 4:8-17 '62.

Fertilizers and lime for the control of Ascarid wlt. I. M. Voderikov. *Les. khoz.* 21 no. 3:60 '68.

Formation of the root system of potato varieties with different ripening rate on cultured Podzol soil depending on fertilization. V. K. Mosin. *Agrokhimia* no. 10:33-40 O '68.

Growth and crops of grapes subjected to yearly foliar feeding. G. M. Oganov, G. A. Dzhalilova. *Agrokhimia* no. 10:41-45 O '68.

Humus substances of the most active part of organic fertilizers and their effect on plants. K. V. D'akonova, A. E. Maksimova. *Agrokhimia* no. 10:84-90 O '68.

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Trace elements contained in some wild forage plants in Amur Province. K. G. Chupakhina. *Khim. v sel'. khoz.* 6 no. 7:20-23 '68.

Use of compound fertilizers on sugar beet plantings. P. P. Khodakovskii, L. S. Evtushenko. *Khim. v sel'. khoz.* 6 no. 7:25 '68.

Use of urea of different granulometric compositions in feeding of sheep. A. V. Modanov, N. I. Staiovlenko. *Khim. v sel'. khoz.* 6 no. 7:62-64 '68.

Warehouses for mineral fertilizers. I. Kartashova. *Inform. biul. VDNKH* no. 4:17-18 Ag '68.

631.8 (471.11)—Archangel Province

Application of microfertilizers to the barley fields of Archangel Province. N. G. Krasnopol'sov. *Uch. zap. Nov. gol. ped. inst.* 5:26-42 '68.

631.8 (471.24)—Novgorod Province

Underground waters of Novgorod Province as mineral fertilizers. A. P. Alifanov, V. G. Rozhkova, L. I. Kulepova. *Uch. zap. Nov. gol. ped. inst.* 5:3-27 '68.

631.8 (471.311)—Moscow Province

Effective use of mineral fertilizers the "Zaria kom-munizma" state farm. A. A. Gumanuk and others. *Khim. v sel'. khoz.* 6 no. 7:73-76 '68.

631.8 (471.314)—Vladimir Province

Effect of fertilizers on the dynamics of nutritive substances in the soil and on the yield of Kuzuzki fodder swede. A. V. Vagin, V. P. Kapranov. *Khim. v sel'. khoz.* 6 no. 7:17-20 '68.

631.8 (471.323)—Kursk Province

Times and methods for applying phosphoric meal for sugar beet on leached Chernozems. M. T. Lyzenko. *Khim. v sel'. khoz.* 6 no. 7:24 '68.

631.8 (471.326)—Tambov Province

Effect of fertilizers on the susceptibility of Helianthus annuus to Sclerotinia Libertiana F. K. G. Kochenkova, S. G. Zhurbenko, P. V. Polakov. *Khim. v sel'. khoz.* 6 no. 7:46 '68.

631.8 (471.341)—Gorky Province

Some conclusions on the effect of superphosphate (as a main fertilizer) on the yield of winter crop (rye, wheat) from agrochemical conditions. V. N. Khomiakov. *Sbor. rab. Gork. i Volzh. GKO* no. 4:91-95 '67.

631.8 (471.43)—Kuybyshev Province

Corn fertilization in steppe areas of the central Trans-volga region. V. A. Korchagin, V. A. Porshkin. *Khim. v sel'. khoz.* 6 no. 7:10-13 '68.

Local method of applying basic mineral fertilizers to grain crops. E. P. Soldatenkov. *Khim. v sel'. khoz.* 6 no. 7:0-9 '68.

631.8 (474.3)—Latvian S. S. R.

Effect of mineral fertilizers of the crops of winter rye, barley and potatoes on the farms of Latvia. P. Barbalis. *Agrokhimia* no. 10:28-32 O '68.

631.8 (477)—Ukrainian S. S. R.

Use of agrochemical soil inspection data for the efficient distribution of fertilizers. N. K. Krupskii, P. P. Levenets, B. S. Nosko. *Khim. v sel'. khoz.* 6 no. 7:70-71 '68.

631.8 (479.22)—Georgian S. S. R.

Effectiveness of the differential application of nitrogenous fertilization in vineyards of eastern Georgia. B. A. Vashakmadze. *Agrokhimia* no. 10:131-133 O '68.

631.8 (479.24)—Azerbaijan S. S. R.

Behavior of mineral and organic fertilizers in carbonate soils of Azerbaijan. K. M. Bragimov. *Agrokhimia* no. 10:66-68 O '68.

Photosynthetic activity and yielding capacity of eggplant crops depending on the application of fertilizers. D. A. Aliev. *Agrokhimia* no. 10:48-51 O '68.

631.8 (479.242)—Nakhichevan A. S. S. R.

Effect of molybdenum on the crops and nutritive value of alfalfa in Nakhichevan A. S. S. R. B. K. Shakuri, Z. A. Nakhichevan. *Agrokhimia* no. 10:91-97 O '68.

631.8 (479.25)—Armenian S. S. R.

Content of some chemical elements and radioactive isotopes in manure samples from different regions of Armenia. V. L. Ananian. *Agrokhimia* no. 10:98-103 O '68.

631.8 (571.16)—Tomsk Province

Role of the state farm laboratory in the system of the agrochemical service. N. F. Tumentsev and others. *Khim. v sel'. khoz.* 6 no. 7:72 '68.

631.8 (571.81)—Amur Province

Physicochemical and mechanical properties of double superphosphate with different free acidity. M. A. Mashkova, M. F. Burmistova. *Khim. v sel'. khoz.* 6 no. 7:26-27 '68.

631.8 (571.82)—Khabarovsk Territory

Effect of mineral fertilizers on the crops of spring wheat on meadow-brown soils of Khabarovsk Territory. M. N. Novikov. *Agrokhimia* no. 10:128-130 O '68.

631.8 (574)—Kazakh S. S. R.

Effect of fertilizers on the uptake of nutrients, the growth and yielding capacity of common onions. V. I. Khekhlov. *Agrokhimia* no. 10:52-58 O '68.

Study of the chemistry of preparation processes of acid and ammoniated concentrated and binary superphosphates based on Karatau flotation concentrated. M. N. Nabiev and others. *Uzb. khim. zhur.* 19 no. 1:3-7 '68.

631.8 (575.1)—Uzbek S. S. R.

Affect of fertilizers on potato crops in Uzbekistan. G. I. Abolina, D. Z. Fatkhullayev. *Agrokhimia* no. 10:134-136 O '68.

632 Crop damage and protection

Aftereffect of spring frosts on tulip leaves. T. P. Petrovskaya-Babanova. *Biul. Glav. bot. sada* no. 69:42-48 '68.

Fertilizers and lime for the control of Ascarid wlt. I. M. Voderikov. *Les. khoz.* 21 no. 3:60 '68.

Some factors affecting the harmfulness of elck beetles. G. T. Shuvalov. *Vest. sel'khoz. nauk (Kazakh)* 11 no. 3:33-38 Ag '68.

Winter hardiness and growth of introduced hybrid poplars in the southern forest steppe of the trans-Ural region. G. G. Vibe. *Biul. Glav. bot. sada* no. 69:86-88 '68.

632 (471.326)—Tambov Province

Effect of fertilizers on the susceptibility of Helianthus annuus to Sclerotinia Libertiana F. K. G. Kochenkova, S. G. Zhurbenko, P. V. Polakov. *Khim. v sel'. khoz.* 6 no. 7:40 '68.

632 (471.3)—Ural regions

Complementary information on the control of Lysanthria monacha. N. K. Latyshev. *Les. khoz.* 21 no. 3:66-67 '68.

632 (471.62)—Krasnodar Territory

Oncoaspid quadra L. I. A. Nazarenko. *Les. khoz.* 21 no. 3:67-68 '68.

632 (476)—White Russian S. S. R.

Mosaic of tomatoes and cucumbers grown in open fields of White Russia. D. K. Ges. *Vest. AN BSSR Ser. biol. nav.* no. 1:119-121 '68.

632 (477)—Ukrainian S. S. R.

Main insect pests of Phragmites communis Trin. in the flooded plain meadows of the lower Dnieper valley. V. A. Lorisnik, G. P. Oksitich. *Vest. zool.* 2 no. 4:34-37 '68.

632 (574)—Kazakh S. S. R.

Sphenoptera montana B. Jak in southern Kazakhstan. S. T. Fatbekov. *Vest. sel'khoz. nauk (Kazakh)* 11 no. 3:107-108 Ag '68.

632 (575.4)—Turkmen S. S. R.

Resistance of some cotton varieties to Meloidogyne javanica. L. M. Shagalina. *Izv. AN Turk. SSR Ser. biol. nauk* no. 4:82-83 '68.

632.9 Crop protection. Pest control

Ascoagar quadridentatus Wesm. (Hymenoptera, braconidae) is a prevalent parasitic apple moth. A. A. Zlatanova. *Vest. sel'khoz. nauk (Kazakh)* 11 no. 3:99-104 Ag '68.

Contributed use of microbiological preparations in pest control. M. V. Kaliuga. *Ent. oboz.* 47 no. 3:450-453 '68.

Herbicides in control of Acroptilon pteris. C. A. M. R. G. Zharokova. *Vest. sel'khoz. nauk (Kazakh)* 11 no. 3:30-41 Ag '68.

New B lectins (phytohemagglutinins), including high-quality B lectin. M. I. Potapov. *Izv. AN SSSR Ser. biol.* no. 5:712-720 S-O '68.

632.9 (471.341)—Gorky Province

Preliminary data on the effect of weather on the effectiveness of using herbicides on millet sowings. Yu. V. Syroegin. *Sbor. rab. Gork. i Volzh. GKO* no. 4:85-90 '67.

632.95 Pesticides and control chemicals

Acaricidal and insecticidal activity of some organophosphorus compounds. S. A. Semenova, Z. Z. Golubeva. *Khim. v sel'. khoz.* 6 no. 7:47 '68.

Effect of halogen phenox acids on photosynthetic processes. D. I. Chikanikov, V. I. Kostina. *Khim. v sel'. khoz.* 6 no. 7:56-59 '68.

- Effect of hormonal herbicides on root buds of *Cirsium arvense* Scop. N. M. Zhuravskaya. Bot. zhur. 53 no. 6:841-841. 1c '68.
- Effect of phytocides of some plants on *Phytophthora*. T. V. Potova. Uch. zap. Nov. gos. ped. inst. 5:62-68 '67.
- Effect of soyin on the growth of *Tetranychus urticae* Koch. G. B. Ivanova, P. V. Popov. Khim. v. sel'. khoz. 6 no. 7:41-43. 1c '68.
- Effect of some pesticides on the hypophysis and its gonadotropic function. M. N. Rybakova. Gig. i san. 33 no. 11:27-31. N '68.
- Effect of some pesticides on the permeability of cellular membranes. S. I. Fudol'-Ovsiyeva. Fiziol. zhur. (Ukr.) 14 no. 5:101-111. S-O '68.
- Effectiveness of some fungicides against anthracnose of grapes in the humid subtropical zone. N. I. Bychenko. Khim. v. sel'. khoz. 6 no. 7:39-41. 1c '68.
- Herbicides and plant growth controlling agents. Activation of heterocyclic amines by esters of thio- and dithiophosphates. N. M. Mel'nikov, B. A. Khaikin, I. V. Sablina. Zhur. ob. khim. 38 no. 7:1558-1561. 1c '68.
- Herbicides and plant growth controlling agents. Synthesis of phosphates, thiophosphates, and dithiophosphates of N-alkyl- and N', N'-dialkyl-1,4'-dipyridilium. B. A. Khaikin, N. M. Mel'nikov, I. V. Sablina. Zhur. ob. khim. 38 no. 7:1561-1565. 1c '68.
- Organophosphorus compounds for the control of phytoneutofides. A. E. Kolomolets, L. M. Sudakova. Khim. v. sel'. khoz. 6 no. 7:32-35. 1c '68.
- Polarographic analysis of some defoliant. E. A. Veksel', I. P. Tsukervanik. Uzb. khim. zhur. 6 no. 4:58-59 '62.
- Pollution of reservoirs and water supply sources with pesticides. K. K. Brochinskii, S. S. Grabenik, A. L. Burshtein. Gig. i san. 33 no. 11:68-72. N '68.
- Residual quantities of DDT and hexa-chlorane in food products. G. A. Kononova, I. V. Medvedeva, E. V. Malysheva. Sbor. nauch. trud. Novosib. NI. san. inst. 15:100-104 '65.
- Results of tests of phosbutyl against cotton plant wilt. F. Sh. Zhurskii. Khim. v. sel'. khoz. 6 no. 7:44-45. 1c '68.
- Studies in the surface waters of toxic chemicals used in agriculture. K. G. Lazarev. Gidrokhim. mat. 41:180-191 '66.
- Study of the synthesis of herbicides. V. V. Dovlatian, G. A. Darbinian. Izv. AN Arm. SSR. Khim. nauki. 15 no. 2:151-155 '62.
- Use of the powerful aerosol generator MAQ in controlling the Eastern *Molophilus vulgaris*. S. P. Bordenikova, V. M. Ponomareva, V. S. Samiatin. Les. khoz. 21 no. 9:61-63. S '68.
- 632.95(471.43)—Kuybyshev Province
- Effect of simazine atrazine and propazine on weediness and the millet yield in steppe areas of the Kuybyshev Province. V. P. Kuzina. Khim. v. sel'. khoz. 6 no. 7:54-55. 1c '68.
- 632.95(477)—Ukrainian S. S. R.
- Effectiveness of herbicides on sugar beet plantings in the southwestern forest steppe zone of the Ukraine. N. N. Matynovich. Khim. v. sel'. khoz. 6 no. 7:50-53. 1c '68.
- 632.95(470.24)—Azerbaijan S. S. R.
- Testing of herbicides to control reed growing in drains. I. A. M. Abbasov. Khim. v. sel'. khoz. 6 no. 7:53-54. 1c '68.
- 632.95(571.15)—Altai Territory
- Controlling the *Oenothera biennis* in the Altai Territory. I. A. Kostin, A. V. Goryainov. Les. khoz. 21 no. 9:65. S '68.
- 632.95(574)—Kazakh S. S. R.
- Control of potato stem nematode under conditions of irrigation farming. S. P. Saf'janov, Z. S. Koboлева, V. G. Leikhtman. Khim. v. sel'. khoz. 6 no. 7:36-38. 1c '68.
- 632.95(575.1)—Uzbek S. S. R.
- Effect of soyin and hexachlorocyclohexane on elm bark beetles. O. V. Eremenko. Khim. v. sel'. khoz. 6 no. 7:47. 1c '68.
- 633 Field crops. Industrial crops
- Cell division in tobacco tissue culture. M. K. Pavlova. Tsit. i gen. 2 no. 5:389-390. S-O '68.
- Effect of the domestic chlorocholinechloride preparation named "TUR" on winter and spring wheat. F. A. Polimubova, L. K. Mamonov, E. L. Lukicheva. Vest. sel'. khoz. nauki [Kazakh] 11 no. 8:89-86. Ag '68.
- Effectiveness of grain cultivation on irrigated lands. G. Madirov. Vest. sel'. khoz. nauki [Kazakh] 11 no. 8:3-7. Ag '68.
- Formation of pollen on wheat-Aaglitop hybrids. V. I. Fursov, Zh. Zhuravskaya. Vest. sel'. khoz. nauki [Kazakh] 11 no. 8:18-20. Ag '68.
- Physiological varieties of orange leaf rust of wheat isolated in a number of provinces of the U.S.S.R. In 1965. A. N. Borisenko, G. N. Kulikova. Vest. sel'. khoz. nauki [Kazakh] 11 no. 8:105-107. Ag '68.

- Relations of regional yields of agricultural crops to meteorological factors. N. N. Zheltina. Trudy GMTS no. 9:77-87 '67.
- Use of the results of land and air plane agrometeorological observations for the evaluation and forecast of the state of winter crops on large areas. G. I. Borisoglebskii, N. A. Vasin, V. A. Moiseichik. Trudy Len. gidromet. inst. no. 24:15-24 '68.
- 633(471.11)—Archangel Province
- Application of microfertilizers to the barley fields of Archangel Province. N. G. Krassopevtsov. Uch. zap. Nov. gos. ped. inst. 5:28-42 '68.
- 633(574)—Kazakh S. S. R.
- Dependence of crops of the green corn mass on the meteorological conditions in Tselinograd Province. P. I. Khitebov, N. S. Vozzka. Vest. sel'. khoz. nauki [Kazakh] 11 no. 8:25-28. Ag '68.
- Sphenoptera montana* B. Jak in southern Kazakhstan. S. T. Talbekov. Vest. sel'. khoz. nauki [Kazakh] 11 no. 8:107-108. Ag '68.
- Study of the stock material of corn during the creation of hybrids for northern regions of Kazakhstan. Z. L. Sosunova, E. V. Pisareva. Vest. sel'. khoz. nauki [Kazakh] 11 no. 8:20-25. Ag '68.
- 633(575)—Central Asia
- Price policy is an important tool used by the Soviet state in increasing the economic incentives for growing cotton, 1921-1924. M. I. A. Perper. Uch. zap. Tash. inst. nar. khoz. no. 33:74-84 '68.
- 633.1 Cereals. Corn. Grain crops
- Accuracy of the calculation of the geological yield of spring wheat for forecasting purposes. K. V. Kiricheva, A. V. Protserov. Trudy Len. gidromet. inst. no. 24:3-14 '68.
- Agrometrical and agrometeorological observations for the evaluation and forecasting of the status of grain crops on large areas. G. I. Borisoglebskii. Trudy GMTS no. 9:106-115 '67.
- Checking of winter wheat potassium nourishment through analysis of plants and soil. V. I. Konstantinova, Agrokhimia no. 10:137-139. O '68.
- Dependence of the formation of the yield of the vegetable mass of corn on agrometeorological conditions. I. I. Chirkov. Trudy Len. gidromet. inst. no. 24:31-41 '68.
- Dependence of the yield of winter rye in Western Siberia on the increase of productive moisture in soil and its state in different periods of vegetation. E. S. Ulanova, A. A. Tsevelova. Trudy Len. gidromet. inst. no. 24:25-30 '68.
- Development of concepts of the moisture probability degree as an indicator of the yield of summer wheat. K. V. Kiricheva. Trudy GMTS no. 8:23-35 '67.
- Development of methods of agrometeorological forecasts by corn crops. I. I. Chirkov. Trudy GMTS no. 9:52-66 '67.
- Development of methods of agrometeorological forecasts of wintering winter crops. V. A. Moiseichik. Trudy GMTS no. 9:46-51 '67.
- Development of methods of the evaluation of conditions governing the germination and forecast of the yield of grain crops. N. Z. Ivanova-Zubkova. Trudy GMTS no. 9:67-70 '67.
- Development of winter wheat under snow. R. P. Barykina, A. V. Iashina. Vest. Mosk. un. Ser. 6 Biol. pochv. 23 no. 2:77-82. M-Ap '68.
- Fertility of experimental autotetraploid *Eragrostis caeruleum* Moench. A. T. Tkachev, V. V. Sakharov. Dokl. AN SSSR 181 no. 5:1253-1256 '68.
- Main inertial agrometeorological factors for the formation of winter wheat yields in the Chernozem zone and long range forecast of its yielding capacity. E. S. Ulanova. Trudy GMTS no. 9:10-22 '67.
- Methodology of the calculation of reserves of soil moisture for purposes of the evaluation of buckwheat germination conditions. N. Z. Ivanova-Zubkova. Trudy Len. gidromet. inst. no. 24:70-74 '68.
- Reaction of grain crops to drought and dry winds and the regions of the greatest effectiveness of irrigation. L. A. Razumova, N. B. Meshchalinova. Trudy GMTS no. 9:93-105 '67.
- 633.1(471.43)—Kuybyshev Province
- Corn fertilization in steppe areas of the central Transvolga region. V. A. Korzhagin, V. A. Porshkin. Khim. v. sel'. khoz. 6 no. 7:10-13. 1c '68.
- Effect of simazine atrazine and propazine on weediness and the millet yield in steppe areas of the Kuybyshev Province. V. P. Kuzina. Khim. v. sel'. khoz. 6 no. 7:54-55. 1c '68.
- Local method of applying basic mineral fertilizers to grain crops. E. P. Soldatenkov. Khim. v. sel'. khoz. 6 no. 7:6-9. 1c '68.
- 633.1(474.3)—Latvian S. S. R.
- Effect of mineral fertilizers on the crops of winter rye, barley and potatoes on the farms of Latvia. P. Barbalis. Agrokhimia no. 10:28-32. O '68.
- 633.1(571.02)—Khabarovsk Territory
- Effect of mineral fertilizers on the crops of spring wheat on meadow-brown soils of Khabarovsk Territory. M. N. Novikov. Agrokhimia no. 10:129-130. O '68.

- Crossability of different wheat species with rye. S. V. Shkurenko. Trudy Inst. bot. AN Kazakh SSR 27:53-56 '68.
- Effect of mutagenic factors on spring wheat. A. M. Gabbasov, O. K. Batmuketov. Trudy Inst. bot. AN Kazakh SSR 27:92-114 '68.
- Interspecific hybrids of spring wheat produced in unirrigated deserts of Central Kazakhstan. A. M. Gabbasov. Trudy Inst. bot. AN Kazakh SSR 27:3-32 '68.
- Some results of late fall and winter sowing of spring wheat hybrids. A. M. Gabbasov. Trudy Inst. bot. AN Kazakh SSR 27:83-91 '68.
- 633.2 Forage grasses and grassland
- Effectiveness of nitric fertilizers when applied for meadow timothy. D. A. Filimonov, O. A. Shishkina. Khim. v. sel'. khoz. 6 no. 7:13-17. 1c '68.
- 633.2(471.23)—Leningrad Province
- Elimination of wood-brush vegetation by placing arboricides in the soil. T. V. Zosimovskaya, P. A. Samgin, I. V. Shatlov. Khim. v. sel'. khoz. 6 no. 7:49-50. 1c '68.
- Microorganisms of shortgrass meadows in case of different ways of their utilization. I. S. Skalon. Bot. zhur. 53 no. 6:813-820. Je '68.
- 633.2(471.33)—Smolensk Province
- Formation of natural foci of liver fluke invasion in pastures of Smolensk Province. N. D. Kruglov. Uch. zap. Smol. gos. ped. inst. no. 17:154-159 '67.
- 633.2(470)—Caucasus and Transcaucasia
- Organic matter, nitrogen and ash content in meadow associations of the Caucasus. M. R. Efendiev. Dokl. AN Azerb. SSR 24 no. 7:71-74 '68.
- 633.2(479.22)—Georgian S. S. R.
- Kochia prostrata* (L.) Schrad. as forage plant. A. V. Kakulia. Trudy Inst. bot. AN Gruz. SSR 25:16-37 '67.
- 633.2(571.61)—Amur Province
- Trace elements contained in some wild forage plants in Amur Province. K. G. Chupakhina. Khim. v. sel'. khoz. 6 no. 7:20-23. 1c '68.
- 633.2(575.4)—Turkmen S. S. R.
- Content of mineral substances in mountain pasture vegetation of Turkmenia. G. D. Mikhoev, T. I. Gavrilova. Izv. AN Turk. SSR, Ser. biol. nauk no. 4:28-36 '68.
- 633.3 Leguminous and other green fodders
- Effect of sulfur-containing fertilizers on the accumulation of nitrogen in vetch plants. V. A. Shishov, I. V. Palkova, Agrokhimia no. 10:140-143. O '68.
- Growth and development of white sweet clover on Solonchaks. S. Kultaev, Sh. M. Chulturov. Vest. sel'. khoz. nauki [Kazakh] 11 no. 8:12-17. Ag '68.
- New lupine species of various genetic centers. A. I. Atabekova, N. A. Maisurlian. Biol. Glav. bot. sada no. 69:75-77 '68.
- 633.3(479.242)—Nakhichevan A. S. S. R.
- Effect of molybdenum on the crops and nutritive value of alfalfa in Nakhichevan A. S. S. R. B. K. Shkuri, Z. A. Nadzhafova. Agrokhimia no. 10:91-97. O '68.
- 633.3(574)—Kazakh S. S. R.
- Results of studying the stock material of soybeans under conditions of Alma-Ata Province. U. Klovov. Vest. sel'. khoz. nauki [Kazakh] 11 no. 8:28-33. Ag '68.
- 633.3(575.4)—Turkmen S. S. R.
- Morphological characteristics of vetch fruit and seeds in Turkmenia. T. F. Gudkova. Izv. AN Turk. SSR, Ser. biol. nauk no. 4:13-20 '68.
- 633.4 Roots and tubers as field crops
- Formation of the root system of potato varieties with different ripening rate on cultured Podzol soil depending on fertilization. V. K. Mosin. Agrokhimia no. 10:33-40. O '68.
- 633.4(471.314)—Vladimir Province
- Effect of fertilizers on the dynamics of nutritive substances in the soil and on the yield of Kuzlitsa fodder swedo. A. V. Vagin, V. P. Kapranov. Khim. i sel'. khoz. 6 no. 7:17-20. 1c '68.
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- 634.08(439)—Hungary
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662 Explosives. Fuels

662.6 Fuels. Combustion. Heat economy

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662.7(571.51)—Krasnoyarsk Territory

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662.7(571.53)—Irkutsk Province

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662.9(471.62)—Krasnodar Territory

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663(479.24)—Azerbaijan S. S. R.
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663(574)—Kazakh S. S. R.

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664.9(574)—Kazakh S. S. R.

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665.5(478.22)—Georgian S. S. R.

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665.5(478.24)—Azerbaijani S. S. R.

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665.5(574)—Kazakh S. S. R.

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665.5(575.4)—Turkmen S. S. R.

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666 Glass, ceramic, clay, etc., industries

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666.1(575)—Central Asia

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666.3 (Continued)

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666.7 Heavy clayware and refractories

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666.8 Gypsum and other plasters

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666.9 Lime, cement, mortar, concrete

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666.9 (471.333)—Bryansk Province

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666.9 (62)—Japan

In Japanese cement plants. I. U. N. Kalugin, V. S. Cherygin. TSement 32 no. 3:11-12 My-Je '60

666.9 (671.18)—Tomsk Province

Porous filler for concrete made of Tomsk region loams. A. V. Petrov. Trudy TGU 170:67-70 '64

666.9 (671.17)—Kemerovo Province

First section of Tsypki Plant is in operation. TSement 32 no. 3:12 My-Je '60

667 Color industries Dyes. Paints

667 (477)—Ukrainian S. S. R.

Combined painting spindle. I. Zholudiy. Zhil. i kom. khoz. 18 no. 12:10 D '67

668 Various organic chemical industries

Group composition of primary coal tars. S. I. Panchenko, E. A. Volgina. Podg. i koks. ugl. no. 2:118-128 '60

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668.3 Adhesives Glues, gelatin, etc.

Supramolecular structure of aqueous gelatin gels. G. I. Skonitskii and others. Vysokom. soed. Ser. B 10 no. 9:640-641 S '68

668.5 Essential oils Perfumery. Cosmetics

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668.5 (575.1)—Uzbek S. S. R.

New goods. Ekod. i zhizn' 10 no. 8:88 Ag '68

668.7 Tar distillation and products

668.7 (471.86)—Chechen-Ingush A. S. S. R.

Pollution of the Sunzha River with 3,4-benzopyrene from the petrochemical industry enterprises of Groznyy. I. N. Samoilovich, I. U. N. Red'kin. Gid. i san. 33 no. 11:6-9 N '68

668.8 Synthetic organic dyestuffs

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669 Metallurgy

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Fuller use of potentials for improving the quality of production. A. I. Alalov. Met. i gornorud. prom. 9 no. 5:90-92 S-O '68

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669 (437)—Czechoslovakia

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669 (477)—Ukrainian S. S. R.

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669 (477.6)—Donets Basin

Repair and assembly workshops and centers. R. Klymenko, I. Vondrov. Ekhn. Rad. Ukr. 10 no. 8:38-40 Ag '68

669.017 Physical metallurgy

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669.018 Alloys with particular properties. Ceramic metals

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669.041 Metallurgical furnaces

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669.041 (477.6) — Donets Basin

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669.046 Heating processes

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669.054 Metal refining generally

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669.1 Ferrous metals. Iron. Steel

- Application of the thermodynamics of stationary reversible processes. I. M. Maksimov. *Izv. vyz. ucheb. zav.; Chern. met.* 11 no. 9:50-51 '68.
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678.5 Plastics

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693.9 Framed construction
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693.9(471.324)—Voronezh Province
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699.8 Protective, proofed, insulated construction
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778.5 Chematography

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778.5(431)—German Democratic Republic
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778.5(477)—Ukrainian S. S. R.
An artist's power of observation. A. Kordium. Mysl'tstvo 15 no. 4 33-31 Ji-Ag '68.

78 MUSIC

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Always a song in formation. B. Runov. Sov. muz. 32 no. 5 67 My '68.
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78(431)—German Democratic Republic
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78(437)—Czechoslovakia
A singer of the working class. I. Poliakova. Sov. muz. 32 no. 5 95-98 My '68.

78(439)—Hungary
Life and creativity. Ferenc Szabo. Sov. muz. 32 no. 5 90-95 My '68.

78(44)—France
The muse of battle and courage. I. Medvedeva. Sov. muz. 32 no. 5 102-105 My '68.

78(471, 232)—Leningrad City
Six days in the Leningrad "Great October." L. Rakov. Sov. muz. 32 no. 5 65-66 My '68.

78(471, 6)—Northern Caucasus
North Caucasian sketches. Manashir Akubov. Sov. muz. 32 no. 5 23-35 My '68.

78(477)—Ukrainian S. S. R.
Artist and teacher. I. A. Verkhovynets. Mysl'tstvo 15 no. 4 25-28 Ji-Ag '68.
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78(477, 8)—Western Ukraine
Date of the origin of the "O Danube, our Danube" song. Oleksa Romanets. Nar. tvorch. ta etn. no. 4: 36-46 Ji-Ag '68.
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78(498)—Romania

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79 ENTERTAINMENT. PASTIMES. GAMES. SPORT

791 Public entertainment

791(4/9, 103)—Communist countries of the world

Confirmation of life. T. Chibotaruakata. Mol. komm. no. 9 85-101 '68.

792 Theater. Dramatic performances
Natalia Tomashevskaya. A. Demidov. Sov. muz. 32 no. 5 56-58 My '68.

792(476)—White Russian S. S. R.
M. Gor'kii's works shown in the Ianka Kupala White Russian Academic Theater. K. B. Kuzniatsova. Vestsi AN BSSR. Ser. hrani. nav. no. 1 61-64 '68.

792(477)—Ukrainian S. S. R.
Ideological significance and professional skill. I. Davydova. Mysl'tstvo 15 no. 4 19-11 Ji-Ag '68.
Many-sided talent. P. Terniuk. Mysl'tstvo 15 no. 4 30-32 Ji-Ag '68.

792(477, 8)—Western Ukraine
Ivan Franko and the theater. B. Perhamenshchik. Mysl'tstvo 15 no. 4 24 Ji-Ag '68.

792.8 Ballet

792, 8(575, 3)—Tajik S. S. R.

... And this is all! I. Popkov. Mol. komm. no. 9 102-107 '68.

793.3 Dancing

793, 3(477)—Ukrainian S. S. R.

Along the path of creative quests. Irada Antypova. Nar. tvorch. ta etn. no. 4 108 Ji-Ag '68.

796 Sport. Games. Athletics

Developing the combative abilities of servicemen. V. Kovalov. Komm. vooruzh. sil. 49 no. 10 63-67 My '68.

796.5 Touring. Hiking. Mountaineering

On the green pathway. G. Kubanski. Mol. komm. no. 9 121-127 '68.
Some problems of the design and construction of tourist centers. M. I. Barnovskii. Stroitel'nikh. 16 no. 10: 31-34 O '68.

796, 5(477, 8)—Western Ukraine
Clubhouse of the "Guleni'shehina" tourist center in Yaromcha. S. S. Valovskii. Stroitel'nikh. 16 no. 10: 34-35 O '68.

799 Fishing. Hunting. Shooting

799(471, 1)—Northern R. S. F. S. R.
Hunting techniques of the Russian population in the northern regions. N. A. Fedorova-Dyleva. Dokl. po etn. Old. etn. Geog. ob-va SSSR no. 5 94-115 '67.

8. LITERATURE. BELLES LETTRES

80 Literary science and technique
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88 Slavic and Baltic literature

882 Russian literature

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883 Ukrainian literature

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891 Other Indo-European literature

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892 Semitic literature

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894.1 Ural Altaic literature

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896 African literature

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9. GEOGRAPHY. BIOGRAPHY. HISTORY

91 GEOGRAPHY, EXPLORATION AND TRAVEL

910 General studies. Accounts of travels, expeditions, etc. Soviet-Mongol geological expedition. N. S. Zaitsev. Vest. AN SSSR 38 no. 4 75-83 Ap '68.

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910(497, 2)—Bulgaria

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910(94)—Australia (Commonwealth)

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911(515)—Tibet

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947.084(477.9)—Crimea
The Soviet Republic of Taurida. N. S. Rudenko Uch. zap. MGPI no. 250: 73-89 '68.

947.084(571.15)—Altai Territory
Establishment of the Bolshevik organization in the Altai Government D. V. Klushin Trudy Kaf. obshchestv. nauk BAI. gos. ped. inst. no. 2 3-27 '65.

947.084(575)—Central Asia
Scots and strains of Ukrainian institutions and organizations in Soviet Turkistan O. V. Markevich Ist. zhur. ta ikh vyk. no. 3 262-289 '68

West Ukrainian internationalists in Soviet Turkistan in the light of recently found sources, 1917-1920 I. A. R. Dashkevych Ist. zhur. ta ikh vyk. no. 3 91-116 '68

AUXILIARY CLASS BY PLACE

(161) New states
see under the following numbers: 35; 37

(177) Underdeveloped and underdeveloped areas
see under the following numbers: 321; 323, 1; 330, 19; 330, 2; 336; 338; 338, 1; 63

(211) Cold, frigid regions
see under the following numbers: 613, 3; 624, 1, 628, 1

(234) Mountains of Europe
see under the following numbers: 551, 2; 551, 7; 552, 553; 540; 562, 562, 4

(235) Mountains of Asia
see under the following numbers: 551, 7; 552; 56; 581, 4

(260) Oceans, Seas
see under the following number: 551, 5

(261) Atlantic Ocean
see under the following numbers: 591, 5; 597; 639, 2

(261.3) Baltic Sea, with Gulfs
see under the following number: 597

(262.5) Black Sea
see under the following numbers: 551, 40; 551, 46; 551, 7; 581, 5; 591, 5; 592; 597; 598, 2; 639, 2

(262.8) Caspian Sea
see under the following numbers: 552, 592; 656, 6

(265) Pacific Ocean
see under the following numbers: 550, 3; 551, 5; 597; 599; 639, 2

(268) Arctic Ocean
see under the following numbers: 551, 46; 551, 5; 577, 4; 582, 2; 592; 597; 599

(282.24) European rivers
see under the following numbers: 614, 7; 639, 2

(285) Lakes, ponds, etc.
see under the following number: 581, 5

(4/8.103) Communist countries of the world
see under the following numbers: 327; 330, 2; 656, 6; 791

(4/9.104) Capitalist countries of the world
see under the following numbers: 323, 2; 327; 329, 14; 330, 2; 336; 336, 44; 336, 45; 336, 6; 341, 2; 347, 9; 368, 4; 382; 391; 608; 616, 008; 62; 623, 625, 7, 658; 687; 720

(4) Europe
see under the following number: 94

(4.0) European capitalist countries
see under the following numbers: 330, 2; 331, 861, 658

(41) United Kingdom and Northern Ireland
see under the following numbers: 327, 338, 341, 1; 342, 351, 37, 382; 382, 16, 614, 8, 617, 3, 622, 6, 622, 8, 94

(430) Germany
see under the following numbers: 300, 582; 94; 940, 53

(431) German Democratic Republic
see under the following numbers: 02; 05; 331, 6; 338, 342, 617, 3; 62, 621, 623, 113, 631, 3, 658; 778, 5; 78

(433) Federal Republic of Germany
see under the following numbers: 323, 2; 327; 329, 06, 330, 2; 331, 8; 336, 36; 343, 2, 355, 40; 361, 8; 382, 621, 06, 930, 1

(437) Czechoslovakia
see under the following numbers: 06; 09; 323; 329, 06, 330, 2, 341, 2; 614, 7; 615, 8, 621, 6; 621, 798, 64; 656, 669, 78, 84; 940, 53

(438) Poland
see under the following numbers: 323, 15, 327; 329, 06, 330, 19, 336; 338, 1, 616, 068; 618; 625, 1; 634, 9; 930, 94

(439) Hungary
see under the following numbers: 28, 323, 15, 329, 06; 331, 881; 370, 17; 439, 634, 06; 635, 8, 78

(44) France
see under the following numbers: 05; 31; 323, 3; 327; 329, 06, 331; 331, 2; 339, 351, 83; 542; 78

(45) Italy
see under the following numbers: 308; 323, 329, 15; 331, 8, 343; 389, 6, 621

(46) Iberian Peninsula
see under the following number: 327

(460) Spain
see under the following numbers: 327, 940, 53

(469) Portugal
see under the following numbers: 327, 35, 08; 382

(470) European U. S. S. R.
see under the following numbers: 528; 550, 34; 550, 8; 551, 2; 551, 3; 551, 4; 551, 40; 628, 3

(471) Russian Soviet Federated Socialist Republic (R. S. F. S. R.)
see under the following numbers: 02; 31; 338, 1; 351; 351, 82; 368, 48, 37; 369, 16; 63, 636; 657, 6; 658, 5

(471.1) Northern R. S. F. S. R.
see under the following numbers: 39; 550, 4; 550, 6; 551, 2; 551, 4; 551, 40; 551, 7; 553, 9; 616, 3; 618, 9, 798

(471.11) Archangel Province
see under the following numbers: 02, 028; 368; 368, 4; 582, 2; 597; 614; 616, 9; 631, 8; 633

(471.111) Nenets National Area
see under the following number: 597

(471.12) Vologda Province
see under the following numbers: 02; 24; 329, 04; 331, 8; 368, 48, 381; 39; 634, 0; 635, 1; 659, 1

(471.13) Komi A. S. S. R.
see under the following numbers: 551, 2; 551, 7; 553, 9; 597; 622, 2; 622, 3; 745

(471.2) Northwestern R. S. F. S. R.
see under the following number: 947, 064

- (471.21) Murmansk Province
see under the following numbers 389 8, 550.4, 552, 553, 549
- (471.22) Karelian A. S. S. R.
see under the following numbers 378, 551.2, 551.7, 553, 555, 597, 831.4, 834.0, 688
- (471.23) Leningrad Province
see under the following numbers 351.9, 550.7; 576.8, 631.5, 633.2
- (471.232) Leningrad City
see under the following numbers 028, 069, 331.2, 331.881, 372.364; 378, 380.11, 381.5, 389.6; 621, 658.8; 680.2, 687, 69, 69.05, 78, 910, 940.53
- (471.24) Novgorod Province
see under the following numbers 28, 508.2; 631.8
- (471.25) Pskov Province
see under the following number 02
- (471.26) Kaliningrad Province
see under the following numbers 329.04, 370.17, 508.2, 618
- (471.31) Central Industrial regions
see under the following numbers 634.0, 728; 729, 745
- (471.310) Moscow City
see under the following numbers 02; 028, 330.1, 331, 331.8, 338.98, 351.65, 352, 371, 371.3; 371.6, 372, 378; 381.5, 471.310; 551.5; 581, 618.089; 621.6; 622, 624.1, 628.9; 629.119, 635.9, 637; 655; 658.3; 658.5; 677, 685, 687; 711.4; 712.4; 726, 77
- (471.311) Moscow Province
see under the following numbers 061, 338.1; 362.1; 368.48; 371.9, 381.5, 471.311; 599; 621.798, 622.8, 627.4, 631.5; 631.8, 658.5; 658.7
- (471.312) Tula Province
see under the following numbers 388.4, 711.4
- (471.313) Ryazan Province
see under the following numbers 02; 028, 329.04; 331.8, 621.9, 691.4
- (471.314) Vladimir Province
see under the following numbers 631.8; 633.4
- (471.315) Ivanovo Province
see under the following numbers 331.1, 677
- (471.316) Yaroslavl Province
see under the following number 624.2
- (471.317) Kostroma Province
see under the following number 308.4
- (471.318) Kaluga Province
see under the following number 372.304
- (471.323) Kursk Province
see under the following numbers 338.1; 368.48; 614.2; 622.7; 631.8; 633.6
- (471.324) Voronezh Province
see under the following numbers 336.47; 589; 621.3; 621.311; 66.04; 662.8; 69; 69.65, 693.9, 697, 947.084
- (471.326) Tambov Province
see under the following numbers 631.8, 632
- (471.327) Penza Province
see under the following number 373
- (471.328) Mordvin A. S. S. R.
see under the following numbers 551.5; 633.4
- (471.331) Kalinin Province
see under the following numbers 02, 621, 631.1, 658.5, 658.8
- (471.332) Smolensk Province
see under the following numbers 551.48, 577.4, 591.6, 595, 599, 616.9, 63, 633.2, 639.1, 930.26
- (471.333) Bryansk Province
see under the following numbers 02, 028, 331, 331.881, 616.00; 658.5, 666.9; 677
- (471.34) Volga-Vyatka regions
see under the following numbers 329.01, 629.123, 634.0
- (471.341) Gorkiy Province
see under the following numbers 02, 37, 389.6, 551.5, 592.4, 629.113, 629.13; 631.8, 632.0, 658.5
- (471.342) Kirov Province
see under the following numbers 381.5, 658.3, 658.5
- (471.344) Chuvash A. S. S. R.
see under the following number 368.48
- (471.4) Central and Lower Volga regions
see under the following numbers 07, 323.15; 331.8; 338, 398, 562, 947.084
- (471.41) Tatar A. S. S. R.
see under the following numbers 336.47, 338.1, 551.7; 553; 553.9, 621.0, 622.2, 622.3, 624, 634.0; 638.1; 658.3
- (471.42) Ulyanovsk Province
see under the following numbers 329.05, 331.8, 331.881, 629.113, 693
- (471.43) Kuybyshev Province
see under the following numbers 329.01; 331.881, 551.49; 553.9, 622.2; 622.3, 631.8, 632.95, 633.1; 658.1, 658.3, 66.0
- (471.44) Saratov Province
see under the following numbers 549; 550.8; 551.2; 553.0, 624.2
- (471.45) Volgograd Province
see under the following numbers 329.02, 331, 331.8; 374; 379, 551.2, 551.7, 553.0; 68; 622.2, 634.1 65.01, 658.5
- (471.46) Astrakhan Province
see under the following number 329.02
- (471.5) Ural regions
see under the following numbers 502.7; 551.7; 553.9; 582.4; 632; 634.0, 639.1, 947.084
- (471.51) Udmurt A. S. S. R.
see under the following numbers 368.4; 627.8
- (471.52) Bashkir A. S. S. R.
see under the following numbers 07; 550.8; 551.2; 552; 598.2; 621.311; 622.2; 622.9; 622.0; 65.01; 658.3, 674; 711.4
- (471.53) Perm Province
see under the following numbers 02; 028, 37; 502.7; 551.2, 551.7; 553; 553.9; 597; 596.2; 622.2; 622.3; 622.7; 658.5; 669.2
- (471.531) Komi-Permyak National Area
see under the following number 621.311
- (471.54) Sverdlovsk Province
see under the following numbers 502.7; 546.2; 551.4; 599; 622.7; 634.0, 669.1; 712.3; 930.26
- (471.55) Chelyabinsk Province
see under the following numbers 331; 37, 371.1; 471.55; 502.7; 553.9, 621.311; 622.2, 622.4; 634.0; 658.5; 658.8; 69
- (471.56) Orenburg Province
see under the following numbers 551; 552, 553; 553.9, 562, 621.791, 622.2, 658.5, 69.05
- (471.6) Northern Caucasus
see under the following numbers 338.9, 550.8, 551.5; 553.9, 622.3; 78, 930.26
- (471.61) Rostov Province
see under the following numbers 330.1; 336.41, 338.1, 371.3, 550.4, 551.45, 551.7; 562.4, 613.0, 631.52, 691.1
- (471.62) Krasnodar Territory
see under the following numbers 312, 323.1, 338.1, 37, 551.4; 562, 581.5, 582.2; 615.6; 622.3, 632, 634.0, 658.8, 662.9, 69; 725.8
- (471.63) Stavropol Territory
see under the following numbers 028; 622.3, 635.0
- (471.64) Kabardino-Balkar A. S. S. R.
see under the following number 634.08
- (471.66) Chechen-Ingush A. S. S. R.
see under the following numbers 338.41; 368.48, 553.9, 614.7; 622.2, 622.3, 622.6; 659.8; 668.7
- (471.67) Dagestan A. S. S. R.
see under the following numbers 581.9; 598.2, 615.8, 622.2, 910
- (474) Baltic Republics
see under the following numbers 551.5; 505; 69
- (474.2) Estonian S. S. R.
see under the following numbers 597; 631.0, 658.1; 69, 711.3
- (474.3) Latvian S. S. R.
see under the following numbers 330.1; 37, 373, 374; 598.2, 616.006, 631.8; 633.1, 633.4; 687
- (474.5) Lithuanian S. S. R.
see under the following numbers 061, 306; 551.4 551.48, 628.5, 634.0, 634.08, 635.8; 635.8, 630.22
- (476) White Russian S. S. R.
see under the following numbers 02, 028, 061; 330.1, 331.8, 331.881, 336.47; 338.4, 35.07, 351.61; 351.85, 371.9; 378; 389.6, 550.4; 551.49; 553; 576.8; 581; 681.0; 682.2, 595; 62; 621.38; 622.2, 622.3, 631.4; 632; 634.0, 637; 658; 658.3; 658.5, 661.8; 664, 669.88; 677; 695; 687; 69, 711.4, 728, 793, 930.1; 947.084
- (477) Ukrainian S. S. R.
see under the following numbers 02; 028, 05; 069; 07, 30.07; 323.15, 323.33; 328.01, 329.02, 329.04; 330.1; 330.2; 331; 331.2; 331.8; 331.881, 336.1; 336.41, 336.44; 338.1; 338.4; 338.88, 339; 351.86; 37; 370.17; 371.7, 374; 381, 385, 388.4; 389.0, 39; 394, 398; 551.2, 549, 551.3, 551.4; 551.49, 551.7; 551.7; 552, 553, 553.9, 562, 671; 681.5; 582.2; 662.4, 595, 597, 598.2; 614; 616.089, 620.4; 621, 621.007; 621.311, 621.313; 621.316; 621.87, 622.2, 622.3, 622.4, 622.7; 622.8; 624.1, 626.4; 627.8; 631.1; 631.3, 631.4; 631.52; 631.6; 631.8; 633; 632.95; 633.6, 634.0, 639.2; 639.3; 64; 657.6; 658.1; 658.5, 667; 669.1, 674, 676, 681.1; 689; 691, 7.0; 726; 726; 272.1; 73; 737; 738; 746; 75; 77; 778.5, 78; 792, 793.3, 912, 930.1; 930.22; 930.23, 930.25; 930.26, 930.27; 940.53; 947; 947.084
- (477.6) Donets Basin
see under the following numbers 329.01; 37; 370.17; 551.2, 551.7; 553; 562, 621.007; 622.2; 622.3; 622.7; 669, 669.041; 711.6; 73, 930.23
- (477.8) Western Ukraine
see under the following numbers 07; 331.1; 351.85; 37; 371.8; 389; 546.3, 551.2; 551.44; 551.7; 553.9, 56, 562; 581.5; 616.7; 621; 620.113; 658.5, 75; 78; 792; 796.5; 930.1; 930.22, 940.53
- (477.88) Transcarpathia
see under the following numbers 398; 551.7; 591.9

- (477.9) **Crima**
see under the following numbers 551.2; 551.3;
581.48; 551.5; 552; 576.8; 577.4; 581.1; 595;
613.1; 613.6; 614.7; 616.2; 622.7; 728;
930.22; 947; 947.084
- (478) **Moldavia S. S. R.**
see under the following numbers 028; 581; 581.9;
947
- (479) **Caucasus and Transcaucasia**
see under the following numbers 323.3; 333; 550.9;
551.3; 561; 561.5; 582.4; 633.2; 658.3
- (479.22) **Georgian S. S. R.**
see under the following numbers 37; 541.1; 551.2;
551.44; 562; 581.1; 581.5; 582.4; 621.33;
622.4; 627.8; 631.4; 631.8; 633.2; 634.0;
634.8; 645.5; 681.1
- (479.224) **Abkhaz A. S. S. R.**
see under the following numbers 302.1; 551.40;
551.5; 613.1; 615.8
- (479.24) **Azerbaijan S. S. R.**
see under the following numbers 30.22; 330.2; 41;
551.2; 562; 582.4; 581.1; 613.1; 614; 620.19;
622.2; 622.3; 627.4; 631.3; 631.4; 631.6;
631.8; 632.95; 634.0; 634.1; 635.6; 636.2;
65.01; 658.3; 658.5; 662.7; 663; 665.5; 7.0;
711.4; 72; 930.26
- (479.242) **Nakhichevan A. S. S. R.**
see under the following numbers 631.8; 633.3
- (479.25) **Armenian S. S. R.**
see under the following numbers 301; 31; 312; 338;
30; 52; 551.2; 553; 582.2; 588.1; 615.8; 627.8;
631.8; 66; 72; 930.26; 931; 947
- (494) **Switzerland**
see under the following numbers 35.08; 623.4
- (495) **Greece**
see under the following numbers 37
- (496) **European communist countries as a group**
see under the following numbers 02; 323.2; 327;
330.10; 330.2; 338; 562; 63; 94
- (497.1) **Yugoslavia**
see under the following numbers 320.04; 320.06;
520; 94
- (497.2) **Bulgaria**
see under the following numbers 02; 09; 28; 328;
339; 342; 378; 389.6; 615.8; 616.2; 622.7;
631.4; 69; 910
- (498) **Rumania**
see under the following numbers 07; 546.2; 677;
78
- (5) **Asia**
see under the following numbers 29; 330.2; 331;
335; 41; 60; 930; 94
- (51) **China**
see under the following numbers 07; 327; 329.06;
330.10; 362; 630; 94
- (515) **Tibet**
see under the following numbers 29; 911; 94
- (519.13) **South Korea**
see under the following numbers 323; 355.02
- (519.17) **North Korea**
see under the following number 94
- (519.3) **Mongolian People's Republic**
see under the following numbers 09; 329.06;
338; 37; 370.17; 551.4; 551.7; 571; 595;
930.22; 930.27; 94
- (52) **Japan**
see under the following numbers 323.3; 331.2;
331.7; 35.08; 382; 389.6; 558.8; 668.9;
94
- (539) **Arab countries as a bloc**
see under the following numbers 300.44; 329.14;
330.2
- (540) **India**
see under the following numbers 323; 323.33;
328; 382; 380.8; 615.4; 618; 639
- (548.7) **Ceylon**
see under the following number 330.2
- (55) **Iran**
see under the following numbers 05; 336.41; 7.03;
930.26; 94
- (56) **Near East**
see under the following numbers 326; 336.4; 94;
940.53
- (569) **Turkey**
see under the following numbers 72.03; 94
- (564.3) **Cyprus**
see under the following number 382
- (569.4) **Israel**
see under the following numbers 308; 323.15;
327
- (57) **Asiatic U. S. S. R.**
see under the following numbers 595; 613.0
- (571) **Asiatic R. S. F. S. R.**
see under the following numbers 338.9; 362.1;
550.3; 550.4; 550.8; 551.2; 551.3; 551.4;
551.44; 551.48; 551.49; 551.5; 551.7; 551.8;
552; 553; 553.9; 561; 562; 571; 613.1; 616.1;
618; 621.33; 621.87; 622.3; 625.7; 63; 656.2;
658; 697; 711; 911
- (571.11) **Kurgan Province**
see under the following numbers 502.7; 614.7;
634.0
- (571.12) **Tyumen' Province**
see under the following numbers 551.345; 551.48;
621.311; 621.6; 622.2; 622.3; 65.01; 656.7;
658.6
- (571.121) **Yamal Nenets National Area**
see under the following numbers 551.345; 581.5;
581.9
- (571.13) **Omsk Province**
see under the following numbers 381.6; 618.080;
658.5
- (571.14) **Novosibirsk Province**
see under the following numbers 02; 371.7; 378;
381.6; 551.3; 551.6; 614; 631.8; 634.0
- (571.15) **Altai Territory**
see under the following numbers 02; 323.3; 329.02;
329.04; 338.41; 338.1; 352; 368.48; 374.7;
552; 553; 562; 632.06; 634.0; 658.507; 677.4;
947.084
- (571.151) **Gorno Altai Autonomous Province**
see under the following numbers 551.7; 58
- (571.16) **Tomsk Province**
see under the following numbers 551.48; 581;
614.8; 631.3; 631.4; 631.8; 686.9
- (571.17) **Kemerovo Province**
see under the following numbers 331.8; 371.7;
551.2; 552; 553.9; 613.6; 621.74; 622.8;
658.5; 686.9
- (571.51) **Krasnoyarsk Territory**
see under the following numbers 338.1; 368.48;
550.8; 551.2; 551.3; 551.7; 553; 581; 576.8;
615.8; 662.7; 711.4
- (571.511) **Taymyr National Area**
see under the following numbers 308; 329.04;
551.2; 551.7; 552; 56; 562; 581.4
- (571.512) **Evenki National Area**
see under the following number 58
- (571.53) **Irkutsk Province**
see under the following numbers 336.1; 550.4;
608; 625.2; 662.7
- (571.54) **Buryat A. S. S. R.**
see under the following numbers 550.4; 551.3;
552; 553; 571; 597; 74; 947
- (571.55) **Chita Province**
see under the following numbers 551.2; 551.32;
551.3; 551.345; 551.4; 551.48; 551.49; 551.7;
553; 597; 634.0; 634.08; 947
- (571.56) **Yakut A. S. S. R.**
see under the following numbers 549; 551.7; 552;
56; 581.4; 581.5; 599
- (571.6) **Soviet Far East**
see under the following numbers 336.47; 551.5;
582.2; 621.8; 631.52; 634.0; 658.8; 69
- (571.61) **Amur Province**
see under the following numbers 631.52; 631.8;
633.2; 634.0
- (571.62) **Khabarovsk Territory**
see under the following numbers 336.47; 381.5;
540; 581.9; 631.8; 633.1; 639.2; 687
- (571.63) **Maritime Territory**
see under the following number 622.7
- (571.64) **Sakhalin Province**
see under the following numbers 533; 550.7; 551;
595; 631.4
- (571.65) **Magadan Province**
see under the following numbers 331; 551.2;
551.3; 551.7; 681.4
- (571.651) **Chukchi National Area**
see under the following number 552
- (571.68) **Kamchatka Province**
see under the following numbers 550.8; 551.2;
552; 561
- (574) **Kazakh S. S. R.**
see under the following numbers 002; 338.1;
338.9; 352; 381; 537.5; 549; 551.3; 551.4;
551.48; 551.5; 551.7; 552; 553; 553.9; 581.2;
581.9; 582.4; 595; 615.8; 619; 622.2; 622.3;
622.6; 622.7; 624; 625.7; 627.8; 628.1; 631;
631.4; 631.52; 631.6; 632; 632.95; 633; 633.3;
633.4; 634.08; 635.1; 635.6; 636.08; 630.2;
638.1; 658.3; 658.5; 663; 664.8; 665.6; 660.2
- (575) **Central Asia**
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621.007; 627.8; 631.6; 633; 660.1; 720;
947.084
- (575.1) **Uzbek S. S. R.**
see under the following numbers 31; 312; 330.114;
331.2; 331.8; 331.07; 336.1; 338.1; 338.5;
339; 351.77; 361.8; 378; 380.11; 380.1; 380;
519.9; 550.34; 551.2; 551.7; 561; 614.7; 618.2;
616.6; 621; 621.007; 621.398; 622.6; 621.73;
621.83; 622.2; 622.3; 625.7; 627.8; 628.1;
629.113; 63; 631.1; 631.3; 631.4; 631.6; 631.8;
632.06; 633.4; 634.0; 634.1; 64; 646; 651;
659.1; 658.5; 658.7; 668.6; 67; 677; 681.1;
685; 69; 69.06; 711.3; 712; 725.9
- (575.2) **Kirghiz S. S. R.**
see under the following numbers 595; 598.1;
613.6; 618.089; 616.1
- (575.3) **Tajik S. S. R.**
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551.8; 553; 578.8; 615.8; 618.8; 631.4; 634.0;
792.8
- (575.4) **Turkmen S. S. R.**
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551.49; 551.5; 551.59; 551.7; 551.8; 552;
553; 562; 576.8; 581.1; 582.2; 582.4; 596.1;
598.2; 612.1; 622.2; 622.3; 631.4; 632; 633.2;
633.3; 665.5; 712

- (591) Burma
see under the following number 631.4
- (595) Malay Federation
see under the following numbers 327; 35.08
- (596) Cambodia
see under the following number 327
- (597.3) South Vietnam
see under the following numbers 323.2, 329, 354
- (597.7) North Vietnam
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- (598) Laos
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- (6) Africa
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- (61) North Africa
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- (62) Northeast Africa, Egypt and Sudan
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- (63) Ethiopia and Eritrea
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- (65) Algeria
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- (66) West and North Central Africa
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- (67) Equatorial, South Central and East Africa
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- (68) Southern Africa (including Rhodesia)
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- (72) Mexico
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- (729.1) Cuba
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- (73) United States of America
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- (99) Antarctica. South Polar regions
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- (98) Arctic and North Polar regions
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- (94) Australia (Commonwealth)
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- (914) Philippines (Republic)
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- (910) Indonesia
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- (81) Brazil
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- (8) South America
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